

Table 7
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CAGGATTCCGGAGTTTGAATCCACCTTTGACAATTGTCCGAAAGACGTTTGAATCAACAG
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CTCTCTCTTGTGCTCATTAGTGAACAGAGCTACAATCACTGTTTGCCAGCTCAGA
AACCTTGCTTTCCTCTTTGACTCCCCTCAACTCTTCCCTGTCCTAGCAGTTAATTGCCAA
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TGTTCTTCACATTGAAGCTTAGATTAGTTTTCTAAAATGCAAATGTATCATATAAACCCC
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GAGACACATTTTTTTTCAATTCTCAAAACAACCTAGACTCTTTCCAGCAGATTTGCTAAGG
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GAGTAGCTGGGACTACAGGTGCCACCAACACGCCTGGCTACTTTTTTTTGTATTTTTAT
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CCCGCCTTGGCCTCGTAGCTCTTTTTGACCCTCAGGGACAGTCACTGAATTATGTCTTGG
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CCTTGCCCTATTTCTTCTTCTCTCAGCTCTGAGGCTGAGACCTTAAATCTGAGAGGAGGT
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ACAAAACACAGGAGGGACAAAGAGATTATGCCTTCATGCTTCCCCGCTCCTTGAAAATGT
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CACTGAGGCGCCGACAGCTTGCAGTGGCTCACGCAGGAGGAAGGAGCCTGGCGCTTTCTA
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>SEQUENCE:3963:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3966:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3971:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3972:prostate_MPM2000-004P4Novel007_8Table3

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AGAGAGAGACTCTGTCTCAAAAAAAGAAAAAAGATGAGGAAATAATCAATCTTCTTCT
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GGAGGTTCTATGTGCCATAATTAACATTGCCTTGAAGACTCCTGGGCACCGAGACTGGCC
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TGCCTAAATGTAGTAAAGGCTGCTTAAGTTTTGTATGTAGTTGGATTTTTTGGAGTCCGA
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ACCAGAGCAGGGCTGTCGTCCTCAGCAGCAGCTTGGTCTCATCTCAGGATCGGCTGAGTT
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GTCTCCCTGGGTGAGGATAACTTCCCTCCAGAAGTGGGGATGTGCCCTTGTGGATCTTG
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>SEQUENCE:3979:prostate_MPM2000-004P4Novel007_8Table3

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TGCGGTATAAATGTAAGACAGTTATAATTGTTAGAGGTCTATGCCATCCTCCATGTTTAT
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>SEQUENCE:3984:prostate_MPM2000-004P4Novel007_8Table3
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CTCTTGAGAGACAATTCCTGGTGAGTCCCGCTCCTTCATGATCCAGTCCAGGGCCATGTG
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>SEQUENCE:3995:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4000:prostate_MPM2000-004P4Novel007_8Table3
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GAATCTCAGATAAGACTTTGTAAAACCCGTAAAACCCAGCCGAGCCATGGATTTATGCCA
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GGCGTCTGCACTTGTCAAAAAGTGATATTCTTTACTTACACAGTCAGAAACCCTGTTTCA
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>SEQUENCE:4006:prostate_MPM2000-004P4Novel007_8Table3

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GTGAAGTCAGCCACAAGAGTCCATTGCTGTTGGGGAGCTTGGTTGTTGGAGACGTGAGTC
TTGCCGAAGATCCCGGCCGCTCTAGAAGTGGATCCCCCGGGCTGCAGGAATTCGATA
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>SEQUENCE:4007:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4009:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4011:prostate_MPM2000-004P4Novel007_8Table3

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CTAATCAGGACAGGTGATGCAGGTTCTGGAGCTCTACCAGGGCAGTTCTATTTTCTTTTT
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>SEQUENCE:4027:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4028:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4029:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4033:prostate_MPM2000-004P4Novel007_8Table3
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CTTATGAAACAGCTGTGGAATTAGCTGCTCTGTCTACAAGCGGAGCTTGGGGAGTGCG
AGCTTCCAGAACACACACCAGAGCTTGTGTCTGAGTTTCGGTTCATTCCAAATCAGACAG
AAGCAATGGAATTTGATATCTTCCAGAGATGGAAAGAGTGCAAGGGGAAAGAGCCCTGCCC
AGGCGGAACTCTCCTATCTGAATAAAGCGAAGTGGCTGGAAATGTATGGGGTAGACATGC
ACGTTGTCAGGGGAAGAGATGGCTGTGAATATTCTCTTGGACTGACCCCGACAGGCATAT
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>SEQUENCE:4035:prostate_MPM2000-004P4Novel007_8Table3
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CTTCCAGAAACACTTTTAATTCCTTAAAAAGTATTCTAGTTCTGAAAATCCTAAAAAGCT
TTGCTACATATTCTACTCACACAATTAAGCTCCATCAAAGTATGCAAGTTGTGTTTTTAC
TTATGCTTGAAAGTTGATGCTGCGAAGTGAATAACTTCATGTTGACAGTTAACACTCTG
ACCTGATTCAAGGCCAATTCTCAGTCCAGCTTTTCAGGAAAAAGCACTATGTGGTGAGGA
ATAGGAGATAAAAAAGTGGCAAACAAAACAAAACAAAAAAGTACCTGCCCGGG
C

>SEQUENCE:4036:prostate_MPM2000-004P4Novel007_8Table3
TACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCCGCCCGGGCAGGTACTT
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ATGACGCCTATTGGGTTCCAATAGCCTCATGTTCAAATCTGACTCGTTAGCAAATCCACC
CAACTCAACATCGGTCATCTTGACATTGCAGGATATTCAGCAAGTCTGAAGTTTTTAATC
GGGAAGGATTTTCTACCGTTACTGAACAAATAAAGGTTCTTTGTAGCAATGGCTGGAAAT
GCAACCCCGCGTACAGGACCAGCTCGGGGGGGGTGTGGCACCGAATGGAAATCCATGAGCA
GCACGTAGGCAAACAGCAGGAGGAAGGCGATGTAAAAGACCACATTCCAGGAGAAGACCA
CGAAGGGG

>SEQUENCE:4037:prostate_MPM2000-004P4Novel007_8Table3
ACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTCTGGTTCC
AGGGCTCAGAGTAGCAAGAGTGCTGGGACCTGTCTGAGAAGCAGTGCTGGGCTGTGGATG
CTTGCCTGTGGCACCAGATGCCTTACAGTGGCCAGGAATGCTGCGGGACAGTCTACTTTG
ATTGCTTTCTTTCCTCCATGGCTGAGATCTGAGTGTAGTGTTAACTGGGCTTAAAAATCA
AGTCCGTTGTATCTGCATGGTCACGTAGTTCGGCACCTCATGGCTTTTGCACCTAGAGGT
GTGAACCATAATACCTGAAACACAATTTATAACCTGGCTCCTTGGGCTTAGCCTATATG
GTGGAGGTTAGGGTCTGTATATCATCAAGACTGTGTCTTTGCATGGGTTGTTCAATTCTGT
TNGGAATTGAACTTTCTTATTTCTGTAGGCCTA

>SEQUENCE:4038:prostate_MPM2000-004P4Novel007_8Table3
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G
ATTATGTGTCTTGCAGTTGACAACGGCAGTGACCAGTGCCTTTTTACTAGCAAAAGTGAT
CCTTTCGAAGCTTTTCTCTCAAGGGGCTTTTGGCTATGTGCTGCCCATCATTTTCATTCAT
CCTTGCCTGGATTGAGACGTGGTTCCTGGATTTCAAAGTGTTACCTCAAGAAGCAGAAGA
AGAAAACAGACTCCTGATAGTTCAGGATGCTTCAGAGAGGGCAGCACTTATACCTGGTGG
TCTTTCTGATGGTCAGTTTTATTCCCCTCCTGAATCCGAAGCAGGTAAAAAACTTGATTA
TTATTTGTGCTTGTATCTCTCATTCAAAGGCTCTGCTCTTCCTTCCCTTCCCTACCCCT
CTGTTTCTCAATATACGTAGCTAACATCTAACAT

>SEQUENCE:4039:prostate_MPM2000-004P4Novel007_8Table3

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CACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGGCGGCCGAGGTACGATTTTCAGCT
CACTGCAACCTCCGCCTCCTGGGTTCAGCGATTCTCCTGCCTCAGCCTCCCAAAGTAGC
TGGGATTACAGGCGCCCGCCACCAGACCCAGCTAATTTTTTTGTATTTTAGTTGAGACC
AGGGTCTCATCATGTTCTCCAGGCTGGTCTTGAACCTCCTGACCTCAGGTGATCCACCTGC
CTCAGCCTCCCAAAGTCCCAACGTGCTGGGATTACAGGTGTGAGCCACTGCGCCCAGCCC
ACCTATCTTATTTTTTAAAGTGAACAATTTTAATTCTTTCATCACATTTCCATCATACTC
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>SEQUENCE:4040:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGGCGGCCGAGGTACTTTTTTTTTTTT
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GACTCATGGCAGGCTTGACCTCCTGGGCTCAAGGACCACCTCCCAAGTAGCTGAGACCAC
AGGTTTGCCCCATCACACCTGGCCGATTTTTATTTTTTTGTAGAGATGGGGTTGTCCAGG
CTGGTCTCAAGCTCCTGAGCTCAAGCAATGTGCCCGCCTTGGCTTCCCAAAGTGCTGGGA
TTATAGGCGTAAACCACTGCACGCAGCCTACCCTCTGCCTTTTTAAGATGATGTATTTAT
TTAATTTTTGCCATCATTGGTGCTTCACCTTCCTGCGAAGGAAATTCCAGAGCCTGTATT
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>SEQUENCE:4041:prostate_MPM2000-004P4Novel007_8Table3

GCGAATTGGTTCTCCACCGCGGTGGGCGGCCGCCCCGGGCAGGTACGATCTTGGCTCACTGC
AACCTCTCCCTCCTGGGTTCAGTGATTCTCGTGCCTCAGCCTCTTGAGTAGCTGGGATT
ACAGGCGCGTGCCACTGCGTCCGGCTAATTTTTGTATTTTTAGTAGAGATGGGGTTTCAC
CATGTTGGCCAGGCTGATCTCAAACCTCCTGACCTCATGTGGTCCACCCACCTTGGCCTAC
CAAAGTGCTGGGATTACAGGCGTGAGCCACCGCGCTCATCCTACAAGCAATTTTTTAAAA
ACTGACACCTATTACTGATAAAATTCTCTGTTTAAATCCTATTTACTATTTTAAAGATA
AGTATTAGTTTTTTTTTAAATACAATAATTCTGTTATTGATAAAATTT

>SEQUENCE:4042:prostate_MPM2000-004P4Novel007_8Table3

CGCGCGTAATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGGCGGCCGCCCCGG
GCAGGTACTGACTGCTGATCTGGAGGCTGGGACAAAGACTTCTGGTGCACAAGCAAAAAG
AAGCCTTATATACCATTACCTGTATCCAAATTTCCAGCAGCCAACGATGGCGAAGAGCC
TCATAGCAGATGTGGCAGTGGCCGCCACTTCCCATGACAAAGGGAGGTAGGCATGATTCA
TCTCTAGTGCATGGGGACGGTTGCCTTTTGCCCCAAATCAACTCAAGACCCCTTTCCACC
ATATGTCTGTATGTAANCTCTAAATGCATCTCTAAGACTTAAGAATAAAAAGCCACTGCT
ACCTGGNCAAGTTGGATGAGGGCAAAGAGAAAGACATTACCCCAAAGGAAGTATAAGCA
CTCTGCT

>SEQUENCE:4043:prostate_MPM2000-004P4Novel007_8Table3

TCGGATCCACTAGTAACGGCCGCCAGTGTGCTGGAATTCGGCTTTCGAGCGGCCGCCCCGG
GCAGGTACATCTGACTATATCCACTGGCTTTACACGGCTCGCTTTAGGGATTGCCACGC
TCAGCCGCACAGGCTTAGACCCCAAGTCCCACTGCTCCCTGGCACTCCGTCAGGGCTCGCT
TCTGTTCCAGTTCATCTGTGAATTTACAAAACCATAACCCTTAGACACGCCTGTCTGGT
CCAAAACCACCTTGCTCCCGACAGGAGGGGTAGACTTTGACGAAGAATTCATACAGCA
TGCCATCATCCACGTCCGGGGTCAGGTCCCCCACAAAGAGGGAATACTCAGGGCTGTTAT
CTGGTTGTTTCCCGTAAGTGGCATAGTTTCAAGTTTAAACGTTTCGCAAGTGTGGCTCCTG
GAAGGGGTTTCCCATTAATTTTATGCAAACACTTCTCAGCTGTGGCCAAATCTGCAAATT
CTACAAAGCAGTAGCCAGCTGGGATCCCAGTGAGGCGGTTTCGGATAATTTTGACGCTCA
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>SEQUENCE:4044:prostate_MPM2000-004P4Novel007_8Table3

TACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGGCGGCCGCCCCGGGCAGGTACTG
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CTGCTCCAGTGCGGGACACAGAGTCTCTATCACAGGCTGCTCCGGTGCAGGGACGCGGAGC
CTCTATCACAGGCTGCTCTGGTGTGGGACACGGAGTCTCTATTACACAGCCTTCTTTTGT
TTGGGGGGCTAGTTGTTGTTGCTGCTGCTGCTGTTTTTCACAATCCTTTAAGAATGTAAA
GACTATTATTAGCTGACAAGTCATTTAAAAAAGTACCTCGGCCGCTCTA
GAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTA

>SEQUENCE:4045:prostate_MPM2000-004P4Novel007_8Table3

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AATTCCTGCAGCCCGGGGGATCCACTAGTTCTAGAGCGGCCGCCCCGGGCAGGTGTGACCG
GAGGCGGCGGCGGCGAGCGGTTCTTGTGGGCTAGAAGAATCCTGCAAAAATGTCTCTCT

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ATCCATCTCTCGAAGACTTGAAGGTAGACAAAGTAATTCAGGCTCAAACCTGCTTTTTCTG
CAAACCCTGCCAATCCAGCAATTTTGTGAGAAGCTTCTGCTCCTATCCCTCACGATGGAA
ATCTCTATCCCAGACTGTATCCAGAGCTCTCTCAATACATGGGGCTGAGTTTAAATGAAG
AAGAAATACGTGCAAATGTGGCCGTGGTTTCTGGTGCACCACTTCAGGGGCAGTTGGTAG
CAAGACCTTCCAGTATAAACTATATGGTGGCTCCTGTAAGTGGTAATGATGTTGGAATTC
GTAGAGCAGAAATTAAGCAAGGGATTCTGTGAAGTCATTTTGTGTAAGGATCAAGATGGAA
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>SEQUENCE:4046:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTAATTTT
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AAGCAAAACCCACACATACAAGAAGAAAAAGAGAGGCATGCTTTACAAAACAGCTATT
TCAAAGTCATGATTTTAAAAAACTATTTTCAAGATGTGGAACGAAGGGGAAAAAAGTC
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>SEQUENCE:4047:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAACCTGTTTCATAG
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ACTGTGTTTCATCTTCCTGTGCCTGGGATCCCCCATGCCCTCCTTTCTCTCTCTCAA
AACCAGCTGTTTTTCCCATCTGCTGCATTTTGGTTATAGATATTTATTTGTAGGTTTGC
TTTAAACAAAACCTCCTCTAAATCCTACTTGATAACCATCCATGCTCTTTACTCTCTCCT
GTCCTGGGAGCTCTCTTCTAACTCCTGCCCTTCATTCTCGACGCCTGCCTGGCCTCCTT
TTGGTTCTTCTCTACAGCATTGCTTCCACCCACCAGCTGTAGTGCCCCTGTCCCTTAAG
AGTAT

>SEQUENCE:4048:prostate_MPM2000-004P4Novel007_8Table3

TCCACCGCGGTGGCGGCCGAGGTACTCAGCAAAAAGCTGAGTTATTAGAAAATGGACACT
AGCCTGTGCTTGTGGGCATAAATTCTCCATCTATGAGAAGGCATGAATTGAGGCACTATA
TTGATTACATTATGTCGTTTATTCTCATACAACCTCTCTATTGTAGAAACGATTTCTAGCC
CCATCTTCAAGATGGGAAATGGAAGCCTAGAGAACTTCATTTTCTCCTATATTTGTAT
TTAGCAATTGCTATTGCTGCCATAAGAAAATAACACAGGGTGGCTTGAACAACAGAAATT
TATTTTCTCACAGTTCTGGAGGCTGGAAGTCCAAGATCA

>SEQUENCE:4049:prostate_MPM2000-004P4Novel007_8Table3

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACCATCTATGG
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TTGAAGCTAAACCTAGAACCCTTCTTTCTCACCAAGATGGCAACTTCTCCCAATTGTTCT
AAATTATAAAATCCCCGGTTATCTGTCACTTTACCCACTCCCCCTCTCCCCAGTCCGATC
TGTTGCCAAATCCTGTAGTTTCTACCTCCATAACGGAACCTCGCAATCATCTCCTTCCATT
TCTCTCCATTCCAAATCTAGAAGAAAAAAGAAACCAAATACATTTAGTTTCATCAGCAAG
TTAGAACCTTTCTGTCAAAAATT

>SEQUENCE:4050:prostate_MPM2000-004P4Novel007_8Table3

CGCCCTGGCGGCCGCGCCGGGCAGGTACGCGGGGAGAGAAGGCCCGGAGGGGCTCTGCG
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CTGTAGTGGCGCTGCTTGGGCCCGTGGCGGATTGTAAGCTGCTGGTTTTGCGGCTGGGAA
GAGCGGCGAGAGGGTTCCGGCATTTCGTCGGGATCCCCGCAAGGATGAGTGCTGCCAGA
GAGTCTCACCCGCATGGGGTGAAGCGTTCAGCCTCCCCAGACGACGATCTGGGATCTAGC
AATTGGGAGGCAGCAGACTTGGGTAATGAAGAGAGAAAAACAAAAGTTCTTGAGACTTATG
GGTGCAGGAAAGAAAGAACATACTGGTCTGTTTATAGGAGATCACAAATCAACATCT
CACTTCCGAACCGGTTAGAAAGTAAAGTGTAATTAATGGAAGTGCTAAATTCAGAATA
TGAAGTATGTGTTTCATGTTTCAGGATATTCTACTTTGGCATGTAA

>SEQUENCE:4051:prostate_MPM2000-004P4Novel007_8Table3

CCGGGCCCCCCTCGAGAGTCTTCTAGAATTAATTAACGCGGGTGCTTTGGCCGGTAAAC
TCTTATAAAACATAAAGGAATCGATTAATCCCTAACTTGATGGAACAAGCTTTGAAATAC
TTTGTTCTGTCTGCCCTGATGGTTAACTAAAGAAGGAGGGGAGGGGAGGAGACAGAATC
AGCCAGTCAGATTCTGGGCCCTTCCCTTTTCACTACCAAGCAATCTTTAATAATAAGGCC
ACAAAATGAGGTTGCCAAGGCTTAGTGGGGTGGTGGGAAAGACCCCACTACACTAAA
GTCAAGGGACAAAATGAGGTACCCAAATAGCTCTGCAAATAGATGAAAAAGAATTAGAAC
TCTTGAGGGTTTCTTTCTTTTGGTGGCAGGTAGAGAGAAGGAATAAAGCTTATGGAAAA

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ACTGGAAAATACTGCTACTTCATACATCAAAGGTAACCTTACATTCTCCGTAAGTGAATG
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TTCGCCCTATAGTGAGTCGTATTACGCGCGCTCACTGGCCGTCGTTTTACAACGTCGTGA
C

>SEQUENCE:4052:prostate_MPM2000-004P4Novel007_8Table3

GGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCCTTCCCCTCCTACTCCACTTT
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TGCCTGTAACCTCTGCCACGCTGCCTTTAAAACCCCTTACCTGTGTAAGCCATCTGGGAG
TTCAGGTCTTAAGCATGACCTCCCTGATCCTCCTTGCTTGGTGCCCTGCAACAAATGCC
CACTTTCTCTCCCTGCAATCCCGATGTCAGTGTGTGGCTTTGCTGCTCTGGGTGGGCAGA
CCCAAGTTCAGCAAGTAACCAATTCTAAGGAGGGTGTTTACACCTTCTTCATGATCCCTTG
TCACTGTTTCATCCTAAATCCTGATTCCAACCCAATTATCTGTTCTTCTCATCATCTTC
CCTCTCT

>SEQUENCE:4053:prostate_MPM2000-004P4Novel007_8Table3

GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGAATAATGC
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ATTGTGGAACCTGGGATTATGGGAGAGTCTGGCTTCAATCAAGGGCTGAAATTCCATTTT
CACTGACATCTCTTCCCTTCCCCATCCCCCGATTCTGTCCTGCAACAGGGTAACAAGAAGG
GGCCCTTAGGCCGTTGGGACTTTGATACCCAGGAAGAATACAGCGAGTATATGAACAACA
AAGAAGCTTTGCCCAAGGCTGCATTCCAGTATGGTATCAAAATGTCTGAAGGGCGGAAAA
CCAGGCGCTTCAAGGAAACCAATGACAAAGCAGAGCTTGATCGCCAGTGGAAGAAGAATA
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>SEQUENCE:4054:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTAATA
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TGGTCAATAAATTTAAAAGATATACATCAAATAACAAGGCCAGAAAAGCTGTTTTAAGAA
TTTCCTGACCTTAAGCAAACCTTTAAATACATTGACATGGCATAAAAAAATATGATCAAAT
ATTCAGAAAGGTTTCTATTTTTTCAACCATTTGGCATTATATTATTAATTGCTGTT
TAAATAATATTTTATACTTCTGTGCACTGATTATCATTGCTCTCCGAATTAAACTAAA
CTACAATTACCTTGCTAGAATGTTCAAGTAGCATATATATTAATTGTTCT

>SEQUENCE:4055:prostate_MPM2000-004P4Novel007_8Table3

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTAC
AGCCTGTGTATTCATATACCCGACCTGGGCTGATGATTGGGAATTCACCAACTACTCCAG
GTCCTTGAACCTTCTTCCACGTCACCCTTAGCATTGTTATTCTCCAATAGCGACTGGCCC
ACTGACAGGCCTTCTCAGGAAGTGCATCTTTTGACATTTCAATCCTGATTCGGTATGTGA
AGAAATAGTGGGGTGGATGTACCCCTCCAAGCCGGACAACCCGGGCGAGGACGCACCAGC
GGAGGACATGGCCAGATACTACTCAGCGCTGCGACACTACATCAACCTCATCACCAGGCA
GAGATATGGAAAACGATCTAGCCCGAGAGACACTGATTTCAACCTCTTGATGAGA

>SEQUENCE:4056:prostate_MPM2000-004P4Novel007_8Table3

GGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTCATCAAACCAGCTTTGGATTG
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TCATTGATCCTTTGGGTTACTGTGTCTGTAATTGCACTGNGTTTGCCCACTTTTGGGCA
TTTGCTGCAGCCTCTTTGTTCCATTCCATCTTCAGCATGTTTCTGGCAGGGGGAGATACT
GCTCTCCTCAGTTCATTGTGCTTATTCACAATCTCCCTTTGCACTTGTGTTTGGGTGGTT
AACAAAGCAGTAAAAGCGGGATCCTTATCTTCATTTGCTGGAAAAGATGGAAGCAGCCCA
GCAACCAGGAACAACAGCACTGGGAATAATGTCATTGCAGTGGTTTCCAGAGCAGGATGA
AGTATTTGTTTCATCTATTGACAGAAGGAAAGTGCCCCCGCGTACCTGCCCGGCGGCCGC
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>SEQUENCE:4057:prostate_MPM2000-004P4Novel007_8Table3

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGGAAACA
AAAGAGATAATAAACTAATAGTTATTTAATATGCTGTAACAACAAATTAGAAACATTGAG
AATTAAGTGTGTTTTCTTTGTAACAACTTATCAAGAGTAGTTTGAACAAGGGTTGCC
TTCTTCTGGTATAATTTAGATACATATCAGAGCAAACATCTTTTCTGTGGCTTTGCAAGT
TGTCATACTGTATTTTGTGGATCAGCTTCCAACATTTTATCTTTTATGCTTTCAGTAT
TGTAATAACCTCTCAGTTTCTTTAGCATGCAGTTTTTTTTTTTTTGTAGCGTCTCTTCC
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>SEQUENCE:4058:prostate_MPM2000-004P4Novel007_8Table3

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AGTGGATGAAGTAGGGCTTACCCTCCTGTGGGTACCTCTCTTCCCTGCTGCTTCTGAAC
CCCCTCAGCCTCCTTCCCTCTTCCCCAGCAACTATCCCAAAGCTGTTACATCGTGTGGC
AAACGTTTACTGAGGCTTTTAGGGATAATATAAGTGGTTTCTTTACAACCATTCCTTCAC
AGCCAGAACGCACGTAATTTAAACTGTGTCAATTTTACACACAGTCCCATAATGTCTCCT
TCATGGGGAGCTTCTCATGGCCTTGGTCTCTCCCCAGAGGCTGCCTATGGCCATATTTCT
GGGATCCAATTCTCACACACTGGGCCCCCTATTCTTGGGCTTCCCACATTCAGTTACCTC
ATTCTTGGGCTGCCACAAACAGTCAAAATCCTTATTTTCTAAGCTGAAGCAGTTGAGCT
CTCTCACTTACTCTTACAAATCTAGGTTTTGCCTAGAAGTAGTCAAAAAAGCAAGACAGA
GACATCTTCATCAACCACAAAGTCTCATCAAAGTATTTTACTCCATCAAAGAGCCATTCA
CT

>SEQUENCE:4059:prostate_MPM2000-004P4Novel007_8Table3

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTGATCGTGTAAGC
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GCTTCTGAGCAGAGAGGCGACATGATCCGTCTCCTGATTTAAAAGCACGACCTGGCTGCC
GAGTTGAGAAAAGACTATGGGAAGATTTGGGTAGAAGCATGGGAGCCAAGCTGTGGCAAC
ATCCCGGTGGGAGATGATAGTGATCCTGACGGGGTTCATGGTGGTGGTGAAGATGGTTA
GAGCCTGGATACATGTTGAAGTCAGTCAGTAGGATTTTCTGACAGACTGGATGTGAGCT
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AAAAACAC

>SEQUENCE:4060:prostate_MPM2000-004P4Novel007_8Table3

AATTGGGCCCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAAT
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G
GATGAATGTGGGGGTGGCACACAGCGAAGTAAACCCCAACACCCGAGTGATGAATAGCCG
AGGCATCTGGCTGGCCTACATCATCTTGGTAGGATTGCTGCATATGGTTCTACTCAGCAT
CCCCTTCTTCAGCATTCTGTTGTCTGGACCCTGACCAACGTCATCCATAACCTGGCTAC
GTATGTCTTCTTCATACGGTGAAAGGGACACCCTTTGAGACTCCTGACCAAGGAAAGGC
TCGGCTACTGACACACTGGGAGCAAATGGACTATGGGCTCCAGTTTACCTCTTCCCGCAA
GTTCTCAGCATCTCTCCTATTGTGCTCTATCTCCTGGCCAGCTTCTATACCAAGTATGA
TGCTGCGCACTTCTCATCAACACAGCCTCATTGCTAAGTGTACCTGCCCGGGCGGCCGC
TCGAAATTCCAGCACACTGGCGGG

>SEQUENCE:4061:prostate_MPM2000-004P4Novel007_8Table3

CCATTAAGAGTGGATGTAGCTAAGAGCTTAGCTAACATTGCCTTTTCACTCTATTTTTCT
CAGATATTGTAAGCATTCTGTTTTTCAATATTGTAGTTAATTTTTTGGCTTTCAACAGCA
GCCCTAGTAATGGTGGAGTTGTTAATTAATGTGTATATTGTACTGAATTTCTGTCAGTTA
AGGGGTTCACTGCTTTGGTGGAAATTGGTGGAAATTGCTAGCAGGTTCCACGATGTTTAT
TTTTTCTCCATGTTGTATATCATTACCATTTACATACGCGTTTCTATTTTTCTTCCTC
TCCTCCTGATCTCCTTAAAAATGAATCTAGAGTTGGTGGCTTTTTCCCCCTCCTCTTTGG
CCAGTTCCACAGTTCAGTTCTTCTGAAAACAGGGATGATGAACCTTGTAGGATCAGGACA
AATGTGTGTTTTTCAAAAATTAAGGCTGGGTGTGAAACACCTTCTGTGGACAAGGATTT
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>SEQUENCE:4062:prostate_MPM2000-004P4Novel007_8Table3

GACTCACTATAGGGCTAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTATCTTGGCT
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GGGATTACAGGCGCGTGCCACTGCGTCCGGCTAATTTTTGTATTTTGTAGAGATGGGG
TTTACCATGTTGGCCAGGCTGATCTCAAACCTCCTGACCTCATGTGGTCCACCCACCTTG
GCCTCCCAAAGTGCTGGGATTACAGGCGTGAGCCACCGCGCTCAGCCTACAAGCAATTTT
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AAGATAAGTATTAGTTTTTTTTTAAATACAATAATTCTGTTATTGATAAAATTTAAGGCA
TTTTCAT

>SEQUENCE:4063:prostate_MPM2000-004P4Novel007_8Table3

AGTCGACGCGTAAGACGTGTTTTGCGACCCGGCACCCAGTAGTTTTTACGGCGGCCGCC

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CGCTCAGGTACCCAGAGTGCAGAGCCGCATTTCCAGCATGCAGGGGCTGCTCAGCGTTTA
GTCACATCAAGAAATAGAACAGAATTGAGCCATGGCCCCAAGAAAGAGAGGTGGACCATG
TTGCATTCATCTTTTGCTGTTTCCGAAATAATGATCACCCAGAAATCACGTATCGGCTGC
GAAATGATAGCAACTTTGCGCTTCAGACCATGGAACCAGCATTGCCCATGCCCCCTGTGG
AGGAGCTGGATGTCATGTTCACTGAACTGGTGGTGAAGTCCCAGTTTTCTATCCTGGCATT
GGTGGGGAGCCAGAGAAGGAGAAGAGGAGAGGATGTGAATGAGTTGGTTTGGTTTGACAT
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>SEQUENCE:4064:prostate_MPM2000-004P4Novel007_8Table3

TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACT
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TAAAAAATCATGACTAAAATGGGATAGCTCCCTAAAAAGGGACTAGGAAAGAAGTCCCA
ATTGAGGCTGAAAAAATCAAAAAAAGAAAAGGAATAGGGCATCCTTTTTAGGAGCGGTC
ACTGTAGAGCCTCCAAAACCCATTCCATTAACCTTGGGGGAAAAAAAACAAGTGTATGGTA
AATCAGCAGCGCTTCCAAAACAAAACTGGAGGCTTACATTTATTAGCAAAGAAACAAT
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ATCCGGCAGATGGCGTATAATGCCGTAATTCAACCCAGGGGGC

>SEQUENCE:4065:prostate_MPM2000-004P4Novel007_8Table3

CGTATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAG
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GGGCTTCACGTGTCAAGCCCAACACAGTCTTAAGAATAAGCAGATATGAGAAGGAGATGA
GAAGTGAGTCCAGGCCAATGGCGGAGATGATGACGATAAGGCCATAGACGACATTGACCC
GGATATCATCACAGGCCAGCTTCATGACATCTTGGTGTAGGCAGTAGGAATGGGAAAGGA
TATTGGAGCGGCAGAAGGGCAGCTGCTTGATGAAGACAGGAAGGGGTGCCATCAGTGCAG
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>SEQUENCE:4066:prostate_MPM2000-004P4Novel007_8Table3

CTATAGGGCGAATTGTAGCTCCACCGCGGTGGCGGCCGAGGTACTGATACTTTTTATTCT
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TCTAGAAATTAACAATGAGTCCTTTTATAGCACTTACCTTTCTCTTCCTGCCTTCCCCAC
CTCCACCCCAAACCTTGCTTTGGGTGTTCTTTAATCTTTCAAGGGAGTGATAAATGTCACA
AACTCTTAATAAAGGGCTGAAATGGCAGCGTATGACTGTTTTGACTGTCTTTAAAGTAG
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>SEQUENCE:4067:prostate_MPM2000-004P4Novel007_8Table3

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AAGAAAGAGTTCTAGTAAAAAATCAAAGAAAGACAAAGATGAACTTCGAGCTCAGAGAAG
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>SEQUENCE:4068:prostate_MPM2000-004P4Novel007_8Table3

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TTCACCATGTTGGCCAGGCTGATCTCAAACCTCCTGACCTCATGTGGTCCACCCACCTTGG
CCTCCCAAAGTGCTGGGATTACAGGCGTGAGCCACCGCGCTCAGCCTACAAGCAATTTTT
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>SEQUENCE:4069:prostate_MPM2000-004P4Novel007_8Table3

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GCATTGTATAATCATATTCCTTCAGCGGTTAAATAGAAAAAAATGCAGATAGAGATGT
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AAACCTTCATATTTTAAAAACAAGATTTTCCATTTAACAAGAATTACATTCATTAAACTG
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TCTCGTTTTAGCTGGATTTTAAATTTGTAGAACTACTGCCTGATCCTGAGTTAAATCCA
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TGAAACACTAAACCCAAAATTTGCCTCATTGTGTGTCATGGAGATTATGCTGCAAGGGAGAA
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GCCTCTTGAGTAGCTGGGATTACAGGCGCGTGCCACTGCGTCCGGCTAATTTTGTATTT
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GGGCAGTAGGGGATGTTCAAAGGGGCACAAAAAATGTTTGTGGGAGAGTGGAGAGGACTG
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>SEQUENCE:4076:prostate_MPM2000-004P4Novel007_8Table3

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CAGAGCCTCCCGAGAAGCCATCTGCCTTCGAGCCTGCCATTGAAATGCAAAAGTCTGTTT
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>SEQUENCE:4082:prostate_MPM2000-004P4Novel007_8Table3
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AGCCTCCCAAAAAGTGCTGGGATTACAGGCATGGGCCGCCACGCCTGGCCAAGTAGATGC
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CAACGAAACCTAACATTCCACCAGTAAGAATCTTGTTTGTGTGTGAAGCTGCTTTTTACT
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>SEQUENCE:4084:prostate_MPM2000-004P4Novel007_8Table3
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CTCCAAATGGTGCTATAAACTGAACCACACATGGACACGTCAGTCTTCCGAGGACCCTTA
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>SEQUENCE:4088:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4089:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4096:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4103:prostate_MPM2000-004P4Novel007_8Table3

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TTCCACTCATAATTGGTTTCTTAGGTCTAAGTCACCACACCTGGGGCTGAAGCAAGTCTT
GCCTGTGCACCAAGCGTGGCCTTGGACCCTGGAGAGATGCAAGGCTCAGTTCTCCAGTGT
TGAAGTGAAGGACTCCCAACTGAAGGAGATCTTTCTCTCCCCACCTCCAGCTCTTTTCC
CTTACAAATGACCAGGGTGCAAGTCGAGAGGCAGAGGCACCTCCTGGTGCAACTCCACCA
CAGTCTTACAGAGAACTCATCTTGGTGGGACCCAAAGCCCAGCCTTGGCATGAA

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>SEQUENCE:4104:prostate_MPM2000-004P4Novel007_8Table3
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CGCCACCACAACCAGCTAATTTTTTGTATTTTAGTAGAGATGGGGTTTCACTATGTTGG
CCAGGCTGTTCTCAAACCTCCTGACCTTAGACGATCCACCCACCTCAGCCTCCCAAAGTGC
TGGAGTTACAGGAGTGAGCCACCGTGCCCGAGCCCATATACTTTAAATTATCTTTAGATT
ACTTATAATATCTAATACAATGTAAATGGTATGTTAACAGTTGTTATACTATATTGTTA
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>SEQUENCE:4105:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4107:prostate_MPM2000-004P4Novel007_8Table3
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GGCTGTTCTCAAACCTCCTATCCTCAAGCCATCCTCCCATCTCAGCCACTCAACTTGCTGG
AATTACCAGCGGAAGCCACTGTGCCCGAGCCAGACTCCCTTTTACCTAGTATATCATGTC
TAATTTCTAACAAAAAATTAAAAAACATTGTAAGAGGAAAAAAGAAACCCTAAACAA
ACAAGCAAACAAAAAACCCAAAAACAACAAAAAGTTTCAAGAAACAGAGCTAGCTGACAGA
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CTTTCCTACAATACAGCCTCTAACAAAACCTAGGCTGTCCCGAACCCCTGGTAATAGAATT
GTTTACCTTTATACCAAGAAGGTTGGGAAAGCACCAAAATCTGCATGTGGTGTGTGCCCA
GGCAGACTTCGAGGGGTTCTGTGCTGTAAGACCTAAAGTTCTTATGAGATTGTCCAAAACA
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GTGATCTTGGCACGTTCTGCTTATCCAGCAGCACATTTTTCAGTTTGATATCACGATGG
ACAAGTCCCTGGCTGTGCAGGAAGCGGATTCCCTCCACCACATCTAGTGCTATCTGCAAA
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ATAATGAGGAGCACAGCAATGCTGGAGCCACCACCATAGTTGTAGTCAA
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GCAGCAACTGGACTATGGGCTGCACTAACCACCGTATCAAATCCAAGCAGAGCAGATCCT
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GCCAACATGGTGAAACCCTCGTCTCTACTAAAAATACAAAAATTAGCCAAGTGTGGTGGT
GCATGCCTGTAATCCACCTACTCGGGAGGCTGAGGCAGGAGAATTGCTTGAATCCAGGA
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AGTTTTTATGACTCTGTTTCTAATCTTTGTAACCCCTTTTACATTTGTTCCAATATACACA
CATCATAAATGTTACTTGCTCAACACTTCACCGATTGTTGGTCTCAACTTAAAAATATATAT
GTAGGCAAAAATTAATGTCAAAGGAACTGTTCTAACAGTTACAAGAGAAAATAGTAAAT
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>SEQUENCE:4114:prostate_MPM2000-004P4Novel007_8Table3

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TGAGTTTTGGGGCCAGGTTCCCTTGGATATTGTGGGGTCCCCACACTTCTGGATGATGTT
GGATAACTCTTTGAGACTTAGGCTTCACATCTGTAAAATGGAAATACTTATTTTTTCAGAG
TTGTCATAAACTAAATGATTTGACTTATATCAACCTAATTCCTACTGGCTCATTGAAC
TCAGCTCAGCTGTCCCCTCTGTTCCGATGCCTTCCCCAGTGGGGCTTAGTTAGGTATCCC
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>SEQUENCE:4115:prostate_MPM2000-004P4Novel007_8Table3

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AAGTATACTTATTTACTTAGAAACAAAGGAATCAACGGATATCTGTTATATAACGTTTAA
ATTACTAAAAATACTTTATATAGCATTGCTCCATAAATGCTAGTGTAATGCTGACGAAA
GTAAAAATGTCATTCCCTACATTTGCTAAATATATTGTGACACATTATAAGTGTTTTTTA
AAACATATCACTAAGGGGCAAAAGAAGTTTGCAAAAATAATTGTAAGTATTTTAATTATG
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>SEQUENCE:4116:prostate_MPM2000-004P4Novel007_8Table3

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AAAAACCATATATATTCCCTAGTATTTTCTGGGATGTATTTTTTTATTCTCAAT

>SEQUENCE:4117:prostate_MPM2000-004P4Novel007_8Table3

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TTAAACACTGTAATAAGCAAGGAAGGCAGCCATGCAGATATTGGGCCGAGGGAGGACATT
CAAGCAGAGGCCCAATGAGAGCCAAGACCGCAAGACCTTATTGTGCTATAGCAAGGGGAG
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>SEQUENCE:4118:prostate_MPM2000-004P4Novel007_8Table3

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GAAAAAAGGGTGGGGAGTGCCCTTTCTTGAAGGAATCCCTTAAGTGCACGTCTCCCGTT
TTCTTTTTCACATCAATGCAGAGTCCCTCTGTGAATTTACAACACCCAACACCCATGAGTT
CAGTCCTTAAGAAGGAAAATTGAGCAAGTATTTAATTGGTTGGACATTGCATAAAAGAGG
TCCATATCCAGGCTAACTCTAGAAATTTTATTCTCAAACCTTAGTTGGCCTCTTTTTCTTC
TGTCAGAGGACCATTCTTAGTGGCACTGGGGAAATCTTGGCACCCAGAAGAATTCAACTG
CGCTCACTGCAAAAATACAATGGCCTACATTGGATTGTTAGAGGAGAAAGGAGCCCTGTA
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GAAACAGAAACAGAGCTTCCAGCAGGTGGGGGGCATTGGAAGAAAACGATGCCATAGAA
GCCAAGATGAAATAGACATCAAGGAGAAGGAAGTAGTCAATTGTTTTGAATGCTATGAAG
AAAGATAAGAATAGGTAAATAGTCCTTATATTTGATAACAGAGGTCACTAGTGATCTTGA
TGAGGGGTTTCAATAGAATGGTGGGATTATATACCTTCCTGGATTCAACTGAGGTAAGGA

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AGGC

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GAGACCAGCCTGGGCAACATAGTGAGACTTCATCTCCACAAAAAATTAGCCAGTGTGGTT
ATGCTAGTCTATAGTCTCAGCTACTCAGGAGGCTGAAGTGGGAGGACCACTTATGCCCAG
GAAACCAAGGCTGCAGTGAGCCATGATCATACCACTGCACTGCACTTCAGCCTGGGAGAC
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>SEQUENCE:4121:prostate_MPM2000-004P4Novel007_8Table3

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ACCATAGCTCACTGCAGCCTTGACTTCCTTAAGCAATCCTCTTGCCTCAGCCTCC
TGTAGCACTGTAGGCACACAACTATGCCTGGCTAATTTTAACATTTTTCTTTCACCTT
CTTGACCCTTATCTTCTATACCCGGCTAATTTTTGTAGAGACAGTGTCTTGCTATGTTG
TCCAAGCTGGTCTTGAATTCCTCGCCTCAAGCAATCCTTCCACCTCAGCTTCCTGAGTGT
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TCTTGAGGCTGCTGAACCACGATTATGCTGCCATCAGTGAAGGAAGCTGAAATTGTGAA
AGTGAAACACCATGGCTGGTTCATGTGCCAGATGATGTTGTGTTCTGCAAAGTATCTCAA
TCCTGGGTTGGATCCAGTAGGTGCACTTGGGCACCCAAACCGGAAACAGGGATTCTTGTT
CCTTAACACAAGACATTCCAATGAGAAAGCTGCTCTCAGATGAGTTGCAGATCAGGCAG
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GGCAGGGGTGTTGGAGGAGAAGTTGAAAATCCGTGTGTTCTCTGCCCTCTGCTCCTCCA
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GGGAGAAGACAGAGGAGAATGCCAGATGAAGACAGAAACAGAGATTGAAGTTATGTGGCC
ATAATTCAAGGATTGCTGGCAACACCAGAAGCCAAGAGAAAGATGAGGAAGAATTCTCCC
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TTCTAGTTTTCTTACTAATACCTACTCTAGTAAACCTGGCCTCCAATAATTCCTGCCGT
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TGGAGAAAGCCTTGAACCTCTATCATCGACGTCTACCACAAGTACGCGGGAGATCCCAGAG
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CCAGCCAGCCTCCACCTCAGGAAATATTTGTTCCCAACCAAGGAGCCATGCCACTCAA
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>SEQUENCE:4127:prostate_MPM2000-004P4Novel007_8Table3

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AATAAAGACATCAAAGAAACAGTTGGATGTATAGGTCTGAAGATCTATGGTCAAGACTAA
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AGAAGGTATTTTATGACAGAGCACAACTGGGCCAAATA

>SEQUENCE:4128:prostate_MPM2000-004P4Novel007_8Table3

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ACGCCTGTAATCCCAGCACTTTGGGAGGCCGAGGCAGGTGGATCACCTGAGGTCAGGAGT
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TCTCATATCTTATGCTCAAGTTAATAATTCCTATTTGCTATACATTTATGAAAAAGCCTT
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>SEQUENCE:4131:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4133:prostate_MPM2000-004P4Novel007_8Table3
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AAGATGAGAGAGAGAAAGAGAGAGAGCAAACAGTATATAATGGCTCTGTGCTCCAACAAT
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>SEQUENCE:4136:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4137:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4140:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4141:prostate_MPM2000-004P4Novel007_8Table3
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CTCTGTGATATTTAGGTGTTTGTGTTTTGGTTAGTGCATTTATTCTGTTAAAATTTAAAAT
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>SEQUENCE:4142:prostate_MPM2000-004P4Novel007_8Table3
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C
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C
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>SEQUENCE:4144:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4145:prostate_MPM2000-004P4Novel007_8Table3
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GACCTGTGAAGAGTGAACAGTATGTAGAAGTGCCCTTTGAGATAGGAAATTGTGAGAGTCC
CTAACTTTTACATACATATTAGATTAATTTGAGCCTACATAAAAAGAAAACAAATTTGTG
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>SEQUENCE:4146:prostate_MPM2000-004P4Novel007_8Table3
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AAGCGTCCCAGTTTAGATGACAGATTATGACTGCCCTTTTTTGTCTCAAGGTATGAT
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>SEQUENCE:4147:prostate_MPM2000-004P4Novel007_8Table3
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TTGTGTGCTTTTGTCTGTAACACTCAATAAATAACACAAAAGATAAAAGGCTTTGAGA
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>SEQUENCE:4155:prostate_MPM2000-004P4Novel007_8Table3

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TCCTCCCGTCTCAGCTTGAGAGTAGCTGGAACCACAGGTGTGTGCCACCATGCCAGCTA
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CTGGGCTCAAGCGATCCTCCTGCCTTGGCCTCTCAAAGTGCTGGGATTACAGGCGTGAGC
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>SEQUENCE:4156:prostate_MPM2000-004P4Novel007_8Table3

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TTTTTTTGGGGTTTTTTCTTTTGGCTTTTTTTGTGTTTAATGTTTAAGTTTTTCATTTTT
AGGGTGGGTAAATTTTTTATATCTTATTTAATTTTAATTTTTTGCAGCCACAGGAGTTTT
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>SEQUENCE:4157:prostate_MPM2000-004P4Novel007_8Table3

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CTTCAGCCTCCAGAGGAGCTGGGACCACAGACACGCACTACCAAGTCAGGCTAAGTTTTT
GGTTTTTTTTGGTAGAGAGGGGGTTTCATCATGTTGCCAGGCTGGTCTTGAGGGGGCTGAG
CTCAAGCGATCCTCAGGCTCCCAACGTGCTGGGATTATAGGCATGAGCCACTGCACCCAG
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>SEQUENCE:4158:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4159:prostate_MPM2000-004P4Novel007_8Table3

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GAAAGTCTCAGCAACGCCATAGATGATTTAAAAAAGTAGAAAATTTCAACTGAAAAAT
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>SEQUENCE:4160:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4161:prostate_MPM2000-004P4Novel007_8Table3

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GCAGCCGCTACTGGAACCTCCACCTCGACTCCAGCGGCCCGACAGCACGGAAGCAGCTG
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AACAATTATGGGTTGCTTTTGAATGAGAATGAAAGTTTATTTTTAATGGTGGTATTATGG
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>SEQUENCE:4162:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4163:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4164:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4165:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4166:prostate_MPM2000-004P4Novel007_8Table3

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GCCTCTTTGTAAGTACCAAAATGATGCAAGAATGATAAGT 1AATGTGTAAATAATTTGCA
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>SEQUENCE:4167:prostate_MPM2000-004P4Novel007_8Table3

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CCTCAGCCTCCCAAAGTGCTGGGATTACAGGCGGCCAGGCCTATTTTCAATTTTCAAGTA
TTGCATATCATTGTGAATAACATTGTAAATCCTTTTTATATTAAGTAACAGGTAGTTAAT
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>SEQUENCE:4168:prostate_MPM2000-004P4Novel007_8Table3

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CTCATGATCCACCCACCTCAGCCTCCCAAAGTGCTGGGATTACAGGCGTGAGCCACCGCG
CCTGGCCGGGTCAGGCTCTTTCTAATCTGTTTAAAACCATATCACCCAGAAGGTATTCAG
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ACCACATTATTAGAAACCTAACACCTTGGAAGCTCTGCATATTCTGAATGAAGAATATAC
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>SEQUENCE:4169:prostate_MPM2000-004P4Novel007_8Table3

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CCCCTTCAGCCTTCTCTCGGGCAGGGTGGCAGCGACAGTGGTGGGACATAGGCACTGGG
CAGTGGAGCACGGGCTTTGGTCTGGTCTAGGGGTCTATCGCCTCTTCTTCTTCACACTGCTC
TGCTTTGTGCATTTCTATTCTTTTTTTGTAGCCAGAGAAGTAAATGCATATCTTTGCAACT
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>SEQUENCE:4170:prostate_MPM2000-004P4Novel007_8Table3

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AAATGTATTCTATCCAACCTTACATGTAAGCACTTTGCAAACACTCACTCATTTACTATGA
ATAACAATCCTACTATATTCACAATTATCATTTCCCCGCTTTACAGAAGAGGAAACTGAG
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>SEQUENCE:4171:prostate_MPM2000-004P4Novel007_8Table3

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CCTCTCTCCCCAGCCCTTGGCAGACAGAGCTCATGATGGTAGAGTTTTGAATGAAGATGT
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>SEQUENCE:4172:prostate_MPM2000-004P4Novel007_8Table3

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CAGGAGTTCGAGACTGCAGTGAGCTGTGATTACACCACTGCACTCCAGCCTGGGAGAGCA
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>SEQUENCE:4173:prostate_MPM2000-004P4Novel007_8Table3

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TGGTCTTGTGGTGGTGAAAAACATGAAAATTGTTGGTCTCCACTGTTCTAGTGAAGATTT
ACATGCCGGGCAGATTGCTCTTATTAACATGGGTCAAGGCTGAAAACTGTGATCTTTA
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>SEQUENCE:4174:prostate_MPM2000-004P4Novel007_8Table3

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GAATAAATAACTTAGTTCATACTTCCTCCCTCAAAGTTAAAGATATTCCCTTTGCAGCG
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AGGTTAGCATGATTTTAAAGCAACTGGCATCTCTGCAGCTAACCAAGTTGGAGACATTAG
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>SEQUENCE:4175:prostate_MPM2000-004P4Novel007_8Table3

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CGGGGCGGCCGGCCAGGACCCGGGGAGAGCACATAACTGCGTTAGAAGCAGCTGGTCAG
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>SEQUENCE:4176:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4177:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4178:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4179:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4181:prostate_MPM2000-004P4Novel007_8Table3
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TTTAATTGGAGTTTTTTTCACTCCATGCTATAGTTTGGATATGGTTTGTCTGTCTCCATCA
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GGTGTCTGGGTCATGGGCATGGATGCCTCATAAACAGATTAATGTCCTCCCTGAAGGTGA
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>SEQUENCE:4182:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4183:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4184:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4185:prostate_MPM2000-004P4Novel007_8Table3
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GTTCAATATTCTGTGGCTATTAACACTGTGGGGTGTTTTTAAAGTCAAAAATACTGAAC
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>SEQUENCE:4186:prostate_MPM2000-004P4Novel007_8Table3
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AGCTGGGCCAGAGATTCTGCAGCGGGAAATCCAAGGCTTATTTATGCCAGGCTGAGTG
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>SEQUENCE:4188:prostate_MPM2000-004P4Novel007_8Table3
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TA

>SEQUENCE:4190:prostate_MPM2000-004P4Novel007_8Table3

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TGGGAAATAAGGATACTATTGTAAAGAAAACAAGAAAAACCTGGGGTAGGGGAGCAGTAT
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>SEQUENCE:4191:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4192:prostate_MPM2000-004P4Novel007_8Table3

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CCAGTCATGGTGGCACGTTCTCTAGTCCCAGCTACTCGGGAGGCTGAGGCAGAAGAATT
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AGTCTGCACATGTGACCGTGTCTGGGGGCACCCCAAAGGCGAGGCTGTGCTTGGGACAC
ACAAATTAAGACCATCACGGGGAATTCTGCTGCTGTTATTACCCATTCAAGTTGACAA
CTGAGGCAACGCAGACTCCAGTCTCCAATAAGAAACCAGTGTTTGATCTTAAAGCAAGTT
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>SEQUENCE:4196:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4197:prostate_MPM2000-004P4Novel007_8Table3

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GATAAGTATCATATACATCACATTTCTGAACCAACTAGACAAGAAAACCTGGACACCTTTG
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>SEQUENCE:4198:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4204:prostate_MPM2000-004P4Novel007_8Table3
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TCCTGTTTGGCACCTGAATACGTGGAACCACCATCCACCCAGCTGGTTAAACCAGAATCA
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>SEQUENCE:4205:prostate_MPM2000-004P4Novel007_8Table3

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AATTATAGGCATGAGCCAGAGCTCTATTATTCTAAGCTGCGGGCTGAATTAGTTGGATAC
AATAGTGATGACTGTATTCAGGGCAAAGAAGAAAGTAATTGCAGAATTATTCAATAAAAT
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>SEQUENCE:4207:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4209:prostate_MPM2000-004P4Novel007_8Table3

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GCAAGAGCCATAGGTAGCCTTACTACTTGGGCCTCTTTCTAGTTTTGAATTATTTCTAAG
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>SEQUENCE:4210:prostate_MPM2000-004P4Novel007_8Table3

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AGCCCTGAAATGGTTGGAACAAGAGAAAGAAGAAGAGCTCGACAGATACCCTGCCTGGGC
TGGCAGCTAGCTGCACCACAAGCTGGCCAGCTGACAGCGGGCACATCCCTTCATCACCCA
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ACCACAGCAGTGTCTAAGGTATGCGTGGGAGCCTGCACAGCAGGAGCGGGGTCTTCTGGA

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GACCCGCATGAGATGCAAAGGGCAGTGGACAAGGAGCCAAGGGAGGTGGCTCTAGTCACG
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>SEQUENCE:4212:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4217:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4218:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4219:prostate_MPM2000-004P4Novel007_8Table3
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AAAGTTCATAGAGTTCCCATGAACATATGACTGGCCACACAGGATCTTTTGTATTTAAG
GATTCTGAGATTTTGCTTGAGCAGGATTAGATAAGGCTGTTCTTTAAATGTCTGAAATGG
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>SEQUENCE:4220:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4223:prostate_MPM2000-004P4Novel007_8Table3
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AAGATTCTTTCTATATTTTGCATTTACTTCCCAGTGCTTCATAGCCTGCATTTTTGTTG
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>SEQUENCE:4224:prostate_MPM2000-004P4Novel007_8Table3
AGCTCCACCGCGGTGGCGGCCGAGGTACGATCTTGGCTCACTGCAACCTCTCCCTCCCGG
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GCGTCCGGCTAATTTTTGTATTTTAGTAAGATGGGGTTTACCATGTTGGCCAGGCTGA

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TCTCAAACCTCCTGACCTCATGTGGTCCACCCACCTTGGCCTCCCAAAGTGCTGGGATTAC
AGGCGTGAGCCACCACGCTCAGCCTACAAGCAATTTTTTAAAACTGACACCTATTACTG
ATAAAATTCTCTGTTTAAATCCTATTTACTATTTTAAAGATAAGTATTAGTTTTTTTA
AATACAATAATTCTGTTATTGATAAAATTTAAGGCATTTTCATTGCCTTTTGCAGATTTA
CTCATAACTACCTAACAAGGAAAGAAGGTATAATTATTTAGATTGGATTATTTATTCTA
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>SEQUENCE:4225:prostate_MPM2000-004P4Novel007_8Table3

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AATGATGGAATCAAAACAACACAACAGATTCATAAGGATGAGAGAAGTGCAGAACAAACCA
GAAGTCAGTTTTATGCTTCTTCTTGTCTGGATAATTCAGAATTTTGCGGTGTGCCTGTC
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>SEQUENCE:4226:prostate_MPM2000-004P4Novel007_8Table3

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACAGCAA
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ATATGAAATATGATCTGCTTAATTGTTAAGGCAACTGACCTTTCAAAGTGCAGAGTCTT
ATTAAAGAGGGGAGGGGTAGAAGCAGAATAATAGTCATATGTCTAACCTGCCCCAGTTA
ACTCCTCTTGTTAAATTATAAGCCAGTTATTTTTTTTAGATAGTATTTTTGTCACTTGA
TAATCACAGGAAATATATAAGAAAAGAGCTTGGACTAACTTGAGAAGTTGGACATGGAAA
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>SEQUENCE:4227:prostate_MPM2000-004P4Novel007_8Table3

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ACCATGCCCAGCTCATTTTTGTATTTTTAGTAGAGACAGGGTTTCACCATGTTGGCCAGG
ATGATCTTGATCTCTTGACCTCATGATCCGCCCTCTTGGCCTCCCAAAGTGCTGGGATC
ACAGGCGTGAGCCACCACACCTGGCCCTCTATTTATTCTCTTTAAAGAGAGAGAAAACTA
TGAGAGGCCAAAATTATTTAATTAAATCTTTACCTTAGCACAAGGGAAAAAATGGAATTT
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>SEQUENCE:4228:prostate_MPM2000-004P4Novel007_8Table3

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ATCTCAAAGATGAGTCTTGGAAGCTTAAGTAACTTTAGGTACATTGTAATCAGTGGCA
GAACTGGGACTTAAGAACATAATTCATGACTGCATTTTCTTTTCTTTCTTTCTTTCTT
TCTCTCTCTCTTTTTTTTTTTTTTAAAGAGATAGCATCTCACTCACTATGTTGCCAG
ACTGGTCTTGAACCTTTGGGCTCAAGCAATTCTTCCACCTCCGCCTCCCAAAGTGTTAGG
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CACAGTGTCCAATAGGTGCATACATCTCCTTAGTAAGTAGTTGTGATTAACAATGAAATA
GAAATGAAAAATATATTTTTTTTATTTATGTGTATTATATTTTTCAAGCAGCTAATAAGTT
GGTAGGACATAATATTTAATTCGTTGGGGACCTAATTATTTATAAATTGAATGGTTAGAT
ATTTCTTTTGGCCTAAGCCACCATGAAAAAATCACTGAGGCGCTAAGGGAAACATGAAC
AAGAAGCCCTTCTGAGTCTCTGTTTTCTCAACTGTAAGATGAAGAAACCTGCTCCACCTT
CCTCTTGCGATTGTTGAACGGCAGTTGAGATACTGCGCAGAATGGACCTTATTGATGGCC
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GTTTTATGT

>SEQUENCE:4230:prostate_MPM2000-004P4Novel007_8Table3

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TGTTTTCTTTGTAACAACTTATCAAGAGTAGTTTGAACAAGGGTTGCCTTCTTCTGGTA
TAATTTAGATACATATCAGAGCAAACATCTTTTCTGTGGCTTTGCAAGTTGTCATACTGT
ATTTTGTTTGGATCAGCTTCCAACATTTTATCTTTTATGCTTTCAGTATTGTAAAATACC
TCTCAGTTTTCTTTAGCATGCAGATTTTTTTTTTTTGGTTAGCGTCTTTTTCCTCTAGGA
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>SEQUENCE:4231:prostate_MPM2000-004P4Novel007_8Table3
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TCAATACTATATAATGTCTATACTTTTGAAAGAAATTCGGTGGCTCAAGTAGTTTGGACC
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CCATTACTGTTTCGAGTTGATGTGGACACATTATACGTAGAATTCTGTTGTGGGTAGGCAG
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>SEQUENCE:4232:prostate_MPM2000-004P4Novel007_8Table3
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TGGTGGATGTGTAATAGTATCTCATTGTGGGTTTGGTTTTTCAATTCCTAGTACTAATG
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>SEQUENCE:4233:prostate_MPM2000-004P4Novel007_8Table3
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TCACTGTAGCCTCGACCTCCGGGGCTCAAGTGATCCTCCTGCCTTAGCCCCACAAGTAGT
GGGACTATAGGCACACAGCACCATGCCCATCTAAGTTTTTGTATTTTATGTAGAGACAAG
GTTTCACCATGTTGCCCAGGCTGATCTTGAGCTCCTGAGCTCAAGTGATCTGCCACCTT
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>SEQUENCE:4234:prostate_MPM2000-004P4Novel007_8Table3
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GAACCTATTGGTGAGTTCCACGAAGTACAAAATCAAGTCACGGCGCCTACAAAGATGAG
GGGCAGATTCTGGCTGCCTTTTAAATTCGTCTTACCTGATATCTGTGCCAGAGAATGA
TAAAATCATAATAAAGGAAATAATGGAAGAGGAGACTTATGTTACTGGGGACATCTAAC
ATAATTATTTTCTGATTGAGTGGCATGGTTCAGTCTTCCAGGAGTTCTGCTACAGAGAA
GAGAGTAACCCCATCCATCATGGCCAAAGCACCCAGTCAGGCTCCGCTCTGGATCCAGC
CCGACAA
>SEQUENCE:4235:prostate_MPM2000-004P4Novel007_8Table3
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TAGTTAAGTTTGCCTTTTTCTTTGTAGCAATGTGAAAGCTAAGGGTGAAGTCTAGAGT
GAAGCTGAGTTTTAGCTTGGGCAGAGGCTTAAGGAATAAAAGATGGAAGAGTAATTAAG
GAGTGGGTCGTGCTGTGGGAAGTGTGTCAAGACACCTGAGGATGGAATTGGTAGCCC
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>SEQUENCE:4236:prostate_MPM2000-004P4Novel007_8Table3
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AAACATC
>SEQUENCE:4237:prostate_MPM2000-004P4Novel007_8Table3
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C
TCATCAATATGTGCATTTATTATTTGCCAATTAATAATAAACTCTTTAAAAATTA
AAAACCATATATTTCCCTAGTATTTCTGGGATGATTTTTTTTTTCTCAATGACTTTTGAGA
ATGCTTTTGCTTTGTTCTCAAACCTTTGATAATCTCCATCATTACTGGTTGGGTATCCCT

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TATCTGAAATGCATGGGACCAGAAGTGTTTCAGATCTCAGATTATTTTCATATTTGAAAAT
ATTTCCATACAGATAATGAAATATCTTAATAATGGAAACCAAGTATAAACAGGAATTCAT
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>SEQUENCE:4238:prostate_MPM2000-004P4Novel007_8Table3

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AGTTGGTATTTCACTAGGACGATTTAGCAGATGAAATGGGTTTTAAGTTTAGAACACCAT
TTCTTCTTCTTATTACATTTCCCTTTTTAATGTTAGCCCTCTACAAACACACACATATA
CACACACACACACACACACTCTGCATCAAAAAAGCCTTCTACATTAATACTTGAGCA
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GTGGAGAAAAATCA

>SEQUENCE:4239:prostate_MPM2000-004P4Novel007_8Table3

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TAATGCTTGCTTGCTCACTGTTTCATCTCCTCCCGTACAGCTAAGTTCTAACAGGTACCA
GTGTCTGAAGCCTGGGGACTGGCGGCTGCTGGTCAAGGCCACATTAGTTTATTGTTAAGT
GCAAGGTTTCTGGTAACAGAAATAAAGAATTCAATTGATTCATCATCAAGACCAAATATA
TTTACTAAAGATCTACCTTAAATTCATTTTTTAGCAGGTAGTATGGCATTGTGGTTAAGA
ATTTACATTTGTGAACATTTACCAGCTGATGACCGAGGTGAGCTTCTGTTTCTCCTGCA
TAACTTGAGATTATAAAAAATCCCCTAGTTGGCTGGGCACAGTGGCTCACACCTGTAATC
CCAGCACTTTGGGAGGCCGAGGCAGGCATCACGAGGTCAGGAGATCAAGACCATCCTGGC
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>SEQUENCE:4241:prostate_MPM2000-004P4Novel007_8Table3

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TCGTATCAGCCAAGACATGCCAGAGGCCTAGTGATTGTTTCCAGTAGCTGAGGGCAGAA
GCCAGACCTCTTTCAATAAGGTTGATCTTTCCTGTATTAACACTGTATATAAAGGACTT
TTATAAAAGCTTGTTAGTTATGGTGTATTGTCATCATCCAGTTTAATGCCCTCTTTTTTC
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>SEQUENCE:4242:prostate_MPM2000-004P4Novel007_8Table3

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CCAGTTTGGCAAACCTCAGCACTCCTGTTCCCTGCTCAGGTATATGCGATCTCTACTGAGA
AGCAAGCACAAAAGTAGACAAAAGTATTAATGAGTATTTCTTTCTCCATAAGTGCAGGA
CTGTTACTCACTACTAACTCTACCAAGAATGGAACAAAGAATATTTTCTGAAGATTTT
TTTGAAGATTAATTTATACCCTATAAAATAAACTTGTAGCTTCGATGAAGTCACTTCA
TCTTCTCTCCTACCTTATTTTTTTAAATAAGTTTTTAGGTCCTGACATTGACATCAAATA
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>SEQUENCE:4243:prostate_MPM2000-004P4Novel007_8Table3

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ACACGTGCATAGTTCCTAGCTAACGTCACATGCCACATATCAACCACCTTCTGCCTGCTT
TTTTGAGGGAGGGATCAACAAGCCTACTGGGATACACAAGTGCTGCAAGCGACATACAAG
GCTCTAGGCATAACTTAACCCTACAGGAAGCTCCATATCCATTCTCTAGGACCTGGCTCA
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>SEQUENCE:4244:prostate_MPM2000-004P4Novel007_8Table3

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CCAAATGCTAAATTGAAACCCTACCTTTTTTTTCCAGAATATCCTGATTATGAACTTGAT
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>SEQUENCE:4245:prostate_MPM2000-004P4Novel007_8Table3

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TATAGGGCGAATAGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACATATCAAGCA
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ACAATGAAAAACAAAGGAGAACATTGAGAGATCACTTTAACTTTTTATAATCAGTTTATG
TGTATTTTATGGTAGTAAATGATAAAATAGCTAGTATCTACATACAGTTTATACATTTGT
GGCATACCTTTCTCTTAATTTTAAAGGTATTTTAGGCTACTTGGCTCATCTGAGTTTTT
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>SEQUENCE:4246:prostate_MPM2000-004P4Novel007_8Table3

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AGATGCTCTGGAAGTTTTTTCGTGTATCTAACAAAAAAGTAAATTTCAAACGATGCAAC
AGTTCCTATTCTGGTAATCAACAGGTTTACTCCTTTAGTTTGGAACTAAGCTTAACTA
AGCTCTTACCTTTGCATCTTCAGAGCTGCTCCACTGTGCCACTTAAGACAGCGCCATTGT
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>SEQUENCE:4247:prostate_MPM2000-004P4Novel007_8Table3

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TTTACTACAAAACCCTTTCAAATCTAACATATCTTTCACATTCGAAACCAAAATACT
TGAGACCAACTCAAAAATAAATTGCACAATTAGCATGATATAAACGCATATGGTCAGTTA
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>SEQUENCE:4248:prostate_MPM2000-004P4Novel007_8Table3

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTGGACTT
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GGGAATGTAGCTGACCACTGCATGGGTGCTAACTAGCCCAGGGATCTTAAAGAATTTGTG
TAGGCCATGAGGATCCACTCCAGCCACTGAATAGTCATAGAATTGAATCTAGGACATCAC
CGTATGCTACTACCATGCAGTTTTATCCCTTCTAAGAATCCAAATGCCCTAGTTTAATTT
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>SEQUENCE:4249:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4250:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4251:prostate_MPM2000-004P4Novel007_8Table3

ACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATGTCAGTGAA
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>SEQUENCE:4252:prostate_MPM2000-004P4Novel007_8Table3

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CAGGAGTAATAATAGAATGGATAAGATTTAGAGCCAAACAAGTGACTATGGGGACTCACC
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>SEQUENCE:4253:prostate_MPM2000-004P4Novel007_8Table3
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GAAGAGGTTCTGGCTGACCCAGGAGAGACACCATTCTAATGGGAGAGACTCTGGGCCG
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CTCCTGTCCGAACACCAGCAGTCTAATGATAGAGACACC
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TTGGCCTCCCAAAGTGCTGGGATTACAGGCGTGAGCCACCACGCTCAGCCTACAAGCAAT
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TTCCTCAAGAAACCCCAAATTCTCCACCTCANGAATGAAAAGTGCAATTTGAATTTCAAGA
AGGTATGGGCATGAGAACCTTGCAGTTTTCTAATTTGTGGAGACAAAATAATTTTTATAA
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>SEQUENCE:4257:prostate_MPM2000-004P4Novel007_8Table3
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GAACATCAGGCTCATCCCCGCGTACAGAGTGTAACACGCATTCTTTCTGAGGCTTCCGG
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>SEQUENCE:4258:prostate_MPM2000-004P4Novel007_8Table3
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TTTCATCTGGAAATAGTGCCTTTGCGGATATAAGTTAGGTAAACTGAAGATGAGATCAT
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CCATAGAAACACAAGGAAGAAGGTCATGTGAAGATGGAGGCAGAGATTGGAGGGATGCAG
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>SEQUENCE:4259:prostate_MPM2000-004P4Novel007_8Table3

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GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCATCTTGGGTCATCG
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ATTACAGATTTGAAATGAAGTCACCAAAGTGAGCATTACCAATGAGAGGAAAACAGACGA
GAAAATCTTGATGGCTTCACAAGACATGCAACAAACAAAATGGAATACTGTGATGACATG
AGGCAGCCAAGCTGGGGAGGAGATAACCACGGGGCAGAGGGTCAGGATTCTGGCCCTGC
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>SEQUENCE:4260:prostate_MPM2000-004P4Novel007_8Table3

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ATACTTGAAGACGGATATAAAGGAAGAATATTTCTTTATGTGTTTCTCCAGAATGGTGC
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CCGCCTCCTTTTTCTTTAATCTTATTTTTGATGAACACATATATAGGAGAACATCTATC
CTATGAATAAGAACCTGGTCATGCTTTACTCCTGTATTGTTATTTTGTTCAATTTCCAATT
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>SEQUENCE:4261:prostate_MPM2000-004P4Novel007_8Table3

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TAAATATATAACATGACAAATTTACTGATGATCCTGGAGCTCTGAGGTCAAACCTCTTTAA
ATGATCAGTGAAAACATAAAACCATCCCTGATCTGTTAACACACACAGGAGCATATTCCA
GTTGTAAAAAACAAATTCCTTGAAGGCTCAGAACGAACAAAATCAGTCTTTATGGCAGA
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>SEQUENCE:4262:prostate_MPM2000-004P4Novel007_8Table3

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CGCATTGATGACTTCTCCAAGGATCTTCCTTTGGCATCGACCACATTGAGGGGCAAAGAA
TTTCTCATAGCACAGCTCACAAATACAGGGCTCCTTTCTCCTCTACAAATCCAATGTAGGC
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>SEQUENCE:4263:prostate_MPM2000-004P4Novel007_8Table3

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CTGGAGGGCCTTTTTTTTAAAATAAGACACAGATTGCTGGGCTCATGGTCAGAGTTCCCAG
TTAAGTAAATCAGGAAATTTGTATTTCTAGCAAGTTTATAGGTGAGGCCAATACTGCTGT
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CCTTAAAGGATGGGCAGGAAAACAGATCCTGTTGTGGATATTTATTTGAACGGGATTACA
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CAAGCTGGGGAGGAGATAACCACGGGGCAGAGGGTCAGGATTCTGGCCCTGCTGCCTAAA
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>SEQUENCE:4265:prostate_MPM2000-004P4Novel007_8Table3

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TTTTCACTATGTGAGATTTCCAAGATTTGTTTTATTTTCTGTTTCCCTCTAACTGCAATA
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>SEQUENCE:4266:prostate_MPM2000-004P4Novel007_8Table3

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AATCTGTGTTCTGTATATTCTGCCTAAGGCAAAGAAATGTTTAGCTCTCTTTAAATAGT
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>SEQUENCE:4267:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4268:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4269:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4270:prostate_MPM2000-004P4Novel007_8Table3

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CAGGTCCAGCGAGCCTTTTCCCTGGTGTGTCAGCTGTTGTTGTACTTTTTTTTTTTTTT
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>SEQUENCE:4271:prostate_MPM2000-004P4Novel007_8Table3

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GCTTAATCGTTAATGCTCTGCCATTTTCCAAAGCAACTGTAATTAGTACCTCGGCCGCTC
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>SEQUENCE:4279:prostate_MPM2000-004P4Novel007_8Table3
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CAGATTTGAAATTGAAGTCACAAAGTGAGCATTACCAATGAGAGGAAAACAGACGAGAAA
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>SEQUENCE:4280:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4281:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4283:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4284:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4286:prostate_MPM2000-004P4Novel007_8Table3

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GAGGATGAGCTCAAAGAGTTCCACATGAAGACAGAGCAGCTGAGAAGAAATGGCTTTGGA
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>SEQUENCE:4287:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4288:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4299:prostate_MPM2000-004P4Novel007_8Table3
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ATCCTGTTCAAGTGTGTATGAAAATCACTTGGTGGCCGGGCATGGTGGCTCACGCCTGTAA
TCCCAGCACTTTGGGAGGCCAAGGCGGGCAGATCACAAGGTCAGGAGTTGAGACCAGCC
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>SEQUENCE:4300:prostate_MPM2000-004P4Novel007_8Table3
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ACACCAATATAATAAATTATAATCAGCGTATGAATATCTTTTTGTAAAACAAACAAATTA
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>SEQUENCE:4301:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4302:prostate_MPM2000-004P4Novel007_8Table3

ATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCTGACTCATCAACTCATC
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CTTTTTCTTT

>SEQUENCE:4303:prostate_MPM2000-004P4Novel007_8Table3

CGCGGTGGCGGCCGCGGCATTTCTCCCAGGATCTCTGTGCTTCCTTTGTGCTTCCTGTGT
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AGACAAATGGCAAGGTGTCAGCATAACCCTGAACTTGAGTTGAGAGCTACACACAATATTA
TTGGTTTCCGAGCATCACAAACACCCTCTCTGTTTCTTCACTGGGCACAGAATTTTAATA
CTTATTTCACTGGGCTGTTGGCAGGAACAAATGAAGCAATCTACATAAAGTCACTAGTGC
AGTGCCTGACACACACCATTCTCTTGAGGTCCCCTCTAGAGATCCCACAGGTCATATGAC
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>SEQUENCE:4304:prostate_MPM2000-004P4Novel007_8Table3

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TTTAATTGGAGTTTTTTCAGTCCATGCTATAGTTTGGATATGGTTTGTCTGTCTCCATCA
AATCTCATGTTGGAATTTGATCCCCAGTGTGGTGGTATTGGGAGCTGGGGCCCAGAGGGT
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>SEQUENCE:4305:prostate_MPM2000-004P4Novel007_8Table3

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GTTGCATCTAACTGTTTTTAAAAAAAGTTCTGTTCTTCAAAAAAATTTTAAGCTATGAAA
ATCACTGATTAAGTCAAACCCTCATTTTACAAAAGAGGCAACACAAACTCAGAGCACTTA
TGCCTCACCATAGGTACAAAGCCAAGTAGCTCCAGGCCAGAAATGGGCTTTAGGTCTTC
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>SEQUENCE:4306:prostate_MPM2000-004P4Novel007_8Table3

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AACTGGGTTGAAAACAATTAACAGTTCCCTCTCTAATGCAAGTTGCTTCTCAGTATTGGG
CAAGTTTTCTGTCTTGGTGTTTAAGTAAAAAGGCATCTTTTATTTGTGTTAATTCCTTGC
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>SEQUENCE:4307:prostate_MPM2000-004P4Novel007_8Table3

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ATTCTGACACTAACTCCTGGAGTTAGTCCAGACCCTAAAGGTTAAGGACTTCATCCCAGG
AGCCTACCCACATCAGAGATCAGCCACAAATAGGGCCCCAGGCAACCCAAACTTCTTCC
CAGCTGGCTAAACAATT

>SEQUENCE:4308:prostate_MPM2000-004P4Novel007_8Table3

GTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCGGGCAG
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CATGGTAAAATGAAAAGTAATAACCCTCCAACCACAACCTAGTCAGGGTATTAATAATTA
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>SEQUENCE:4309:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4310:prostate_MPM2000-004P4Novel007_8Table3
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CAAAGTGCTGGGATTACAGGCGTGAGCCACCGCGCTCAGCCTACAAGCAATTTTTTAAAA
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ACATTCTCTGTCATCAGGGAACCTCACAGCCTAGTATGAGAGATAAACAAATGAACATGAA
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GGGTATCCAGCAGGGATACCTAACTAAGCCCCACTGGGGAAGGCATCCGAACAGAGGGGA
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>SEQUENCE:4313:prostate_MPM2000-004P4Novel007_8Table3
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CTCACCTATGCTACTGGTCCTTTTGGCAAAAAGGAAAATGATAGAGCCAGGGTTGCCCC
TGATGTATCAGCCTTACTGTGGAGGGGGCCAAAGCTGGTGTTTCAAGAGCTCACCCAAGGAGG
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>SEQUENCE:4314:prostate_MPM2000-004P4Novel007_8Table3
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TGTTTTCCAGTTCTTCAGTATTGCAAACACCACTACATTGAACATCTTTGTATCCATGTG
CAAATATTCCCGCAACATACTGTGCTAGCTGTTCCGGCCACATCACCTTTATGAAATTCTC
ACAGGAACCTGTGAAGGCTATAGGTAATTTGCCACATTCCACAGATGAGAAAAAGGCTAA
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>SEQUENCE:4315:prostate_MPM2000-004P4Novel007_8Table3
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ACTCACCTCCAAACACACACTGCATCATCAAGGGAGTTGGGTCAGAGCGACATTGGGACA
CTCACTCTGCTGTGACCTAATAAGGTGATGGTGCTATACTTCAGACGCAAGGAATAACTT
CCATTTTGGTTCAGGCCTTCACTTCCAGCTGGTTGAATATAAACTCAATCACAACATCAT
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>SEQUENCE:4316:prostate_MPM2000-004P4Novel007_8Table3

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G

GAGATCAAGACGATTCTGGCTAACATGGTGAAACCCCGTCTCTACTAAAAATACAAAAA
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>SEQUENCE:4317:prostate_MPM2000-004P4Novel007_8Table3

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CCCTCGGGAAACCTTTCTAAGTTTTTTTTTAACTCCCTCAAAAAAAGGTTTATGAAACGCT
GAACCTCAAGTTTCATAGACGTCTTTGTACACTAAAAATTCTGCAGCAGAATATTTTTAA
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>SEQUENCE:4318:prostate_MPM2000-004P4Novel007_8Table3

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TTATCAGTTATCTTCAATTGCATATTACAAAATTCTGATTAAATTTTTCTTAAATAAGAA
AACTATCATTTTCATATGACAAGAAATCCTAATTTAATGTTACTCCAAGGTTGGTTAATTC
AGTGGCTCAGTGATAACACCAAAGACTCAGTTTCTTGAAATTTTTTGTCTCTGCCATCCT
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AAGGAAATGC

>SEQUENCE:4319:prostate_MPM2000-004P4Novel007_8Table3

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TTTTGAACGCTACTAAAATTAAAGTAGTTCTTTGATGAATATGAATGAGTAGGGAAAGGA
TTCTTTGTAATAGTGATACCTCTGTGGTAAGAGAAGGGTGGTATGTGAGTTTTAGTCTAC
AGATTATGGCAAATTCAGTGACAACAATCAAATGGTCTAAGATTGACAGTAGCACAGTTT
TACTCTGTGAAGGTAGTGTTTCAGGACAAATTTCAAGAAAAGTAAAGAACCATTTTACA
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>SEQUENCE:4320:prostate_MPM2000-004P4Novel007_8Table3

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGCCCGGGCAGGTACCCAGAA
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TGTAAGGTTTGAAATCTCATTTAGGTTTTGTTATCCAGAGTAGAAGATATGCAGGAAAA
GATTCTGATGCATTTGGTGGATATGGGAGATCATGCCTCCATATCAAGCGTGACAAAAGT
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>SEQUENCE:4321:prostate_MPM2000-004P4Novel007_8Table3

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TTGGAGGTAGCTGAGTAATGGGGGCAGTTATCCCATGCTGTTCTGTGATAGTGAATGA
GTTCTCATGATATCTGATGGTTTTATAAGGGGCATTTCCCCCTTTGCTTGGCACTTCTCC
TTCCTGCTGTCATGTAAAGAAGAATGTGTTTGCTTCCCCTTGTCATCATAATTGTAAGTTT
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>SEQUENCE:4322:prostate_MPM2000-004P4Novel007_8Table3

ATTGTAGCTCCACCGTGGTGGCGGGCCGAGGTACAATTGAGTGGCCTAAGTAAATTCACAG
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>SEQUENCE:4323:prostate_MPM2000-004P4Novel007_8Table3

CTCCACCGCGGTGGCGGGCCGACCGGCCCGGCCCTTTGCAGCATGATGCACCCTTGACAA

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AAATGCTTTTCTTTAGATCCCTTCAGACAGAAATTGTGGTCAAACCATTTGAGATGGAAG
TCCTGCAGGTGTTTTCCAAGCTCCACTGGCTTTCTCAGGTGCAATGCAGTGCCTTGCACT
GGGGCAACTTCTCCTGTAGGAATCAGGGTTTCATCCACAGGCAAATAAGTATCCGCTTCT
ATGGTGACTTCATGGTCATTTATATTTGGGGAAGCCTGGCCTGCCAGGTTGAAGTAAGAA
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>SEQUENCE:4324:prostate_MPM2000-004P4Novel007_8Table3

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GTAGTGGGACTATAGGCACACAGCACCATGCCCATCTAAGTTTTTGTATTTTATGTAGAG
ACAAGGTTTCACCATGTTGCCCAGGCTGATCTTGAGCTCCTGAGCTCAAGTGATCTGCCC
ACCTTGGAATCCCAAAATGCTGGGATTATAGGCGTAAACCACCATGCCTGGCCTTAAATC
AACTTTAGAGTCAACATCTCTTATCACTGGAGCTTCTGGAGAACTCCATCACGTGGTGC
TCTCTTTCCTGATGTGTTGTGCCCAAATAGCTTGTCTCATCAGATGACTTATTTGCTAT
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TGA

>SEQUENCE:4325:prostate_MPM2000-004P4Novel007_8Table3

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AAGAAGGCATGATTTATTATAAGCAAATGGCTAACCTGGCTTTTTTGGTAATAGAATTTT
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TATAAGAAAATGGGGGGAAGTATCCCAAAAGATCTTCTCTTCTAAGGAGAACTTCACTT
GAGGGGCAAACTAGAAAGATACAATTGTTATTGTAAACAAACACTAATGAGAGTCCGT
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>SEQUENCE:4326:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4327:prostate_MPM2000-004P4Novel007_8Table3

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CAGATGACTTATTTGCTATGATATATACTTCAAGAGCTGCTATATGTATTACATACAT
CAAATCTTTCTGTAAAGTTTGATTTTTGTTTCTTTAAAAGGAACATAAATGTTCCAGGAC
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>SEQUENCE:4328:prostate_MPM2000-004P4Novel007_8Table3

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AAAAAAAAAAAAATTAGTCGGGCATGGTGGTGCACACCTGTAATCCAGCTTGTGAGGAGG
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GATAATCTGAATAGCCCTATATCTATAGAACTTAATAGTGCTGGGAGATATAGGTATTA
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>SEQUENCE:4329:prostate_MPM2000-004P4Novel007_8Table3

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TAATAATCTGATAAACAATAAACAAAATATTTGAATAGGCATTTTTCATAAGACGTACAA
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>SEQUENCE:4330:prostate_MPM2000-004P4Novel007_8Table3

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGCCATC
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>SEQUENCE:4331:prostate_MPM2000-004P4Novel007_8Table3

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CAAAGTGCTGGGATTACAGGCGTGAGCCACCACGCTCAGCCTACAAGCAATTTTTTAAAA
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>SEQUENCE:4332:prostate_MPM2000-004P4Novel007_8Table3

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TGGCGTAAGCAGTCCAAAGCTCTAAGCAGCTCAACAATGTCGTATCGACCCAAGCTCTT
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>SEQUENCE:4333:prostate_MPM2000-004P4Novel007_8Table3

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CTGAAGTCACCTAACCTCTTAGTAGACATGGCTCTTGCCAAAGAATACCACGGAAAGAGC
TCTTCTCTTCCATGACATCCTCACCATATCCTGTTCTTAGGTCACTGCCAACCAATAAAG
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>SEQUENCE:4334:prostate_MPM2000-004P4Novel007_8Table3

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GGTGTTTAATTAATTCACAGTTCTGCATCGCTGGGGAGGCCTCAGGAACTTACAGTCAT
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GTGCNCTGAATAAAAAAAAAAAAAACCACCTACTCTTAAAACCATCAGATCTCCTAAGAAT
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>SEQUENCE:4335:prostate_MPM2000-004P4Novel007_8Table3
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ATCGAGCTCCAATTACGAGCATCCTTACGCTCAGGAAGCCTCTATCCCAATGGGCCAGTC
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>SEQUENCE:4336:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4337:prostate_MPM2000-004P4Novel007_8Table3
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CCCCAATGAAGTGGGAAGAAGACAAGCGATATACTACAGTTATGGGACCCTGCCTTAGGC
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GGGTGCATGAGCCCATTACATTGAAC
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CCAGTTCCCTACCAGCCTCCCTTTCTCTGTCACTGGGGACGTCATCAGCCAAGCTGGAAG
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TCCATATTACAAATTAATTTTCTATGACACAATTTTTTTAAATCAAACTTCAATTTTCA
TCTCTTTTACTCAGTATTTAAACCTCAAACCTACAGCAACTGGTAATTTTAAACACCTTTCC
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>SEQUENCE:4341:prostate_MPM2000-004P4Novel007_8Table3
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AAGTCCCTCTGTGATTTCTGAACCAAGCTATTCCTAGGCCTGAGTTTTATTTTGTTGACA
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>SEQUENCE:4342:prostate_MPM2000-004P4Novel007_8Table3

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ATTCAAAGGAATATTTGACAATGAAACGTCTAATATTTATAGAATATTCTCTGGAATCC
TTTCTATAATAATTATGCAAACCAATTATAAATTATATACAGGCAAGGGTAATTACT
CAAATCTAAAGTGCCATCACACATTTAAAAAGCCCTGACAATTACTATGACATTCCAGAT
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>SEQUENCE:4343:prostate_MPM2000-004P4Novel007_8Table3

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TCCCCTCTTCAAAACAAAAAATGGATTTATACGGAAAAAGGGTTAATTTACTTGGGGTTT
ATCAGCACACCATTTTTAATGTGCTTTGAAAGAATTA AAAACCATGAAACTGTATTCACT
GAATACCGGTCCATAGTTATATTTTTCTTTTAACGTGGCTTAAATACATACATCATGAC
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>SEQUENCE:4344:prostate_MPM2000-004P4Novel007_8Table3

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GAGAATGATAGAAAACATGGTGTGTAATTTGATAGCAATATTTTGAGATTACAGAGTTT
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TCTAATGAAAGATCAAGGCAGGAAAATGAGTATACTAATTGACAATGGAAAATCAATTT
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TTAATTCAGACAGTGTTAAATGGTATCAGGATAAAGAACTGAAGGGCAGAAAGAATTAAT
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>SEQUENCE:4345:prostate_MPM2000-004P4Novel007_8Table3

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GCTGCCGCCCCCGCAAGGCTTCGCCGTCATCGAGGCCATTTCCAGCGACTTGTGCGACGC
TTTTCTATATACTTCGTTCCCCGCCAACCAGCAACCATGACGCCATGTGCGGGTTATTCGA
GTGACCGAGACCGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATA
TCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTT
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>SEQUENCE:4346:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4347:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4348:prostate_MPM2000-004P4Novel007_8Table3

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ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTT
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CCTTGTAGTTAGGGGCGAGTCATATGACAAAGTTTTGGCCAATGGAATGGGGCCAAAAGGT
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>SEQUENCE:4349:prostate_MPM2000-004P4Novel007_8Table3

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ACACCATTAACAAGAAAATAAAATTATGAGATATTCATAATAATCACTACATATGCAC
CACAGTGATTAAAAATTTTTTAAGTTAAGCCACGTGACCCAACAAGGTGCATTCACTCA
AGAGAAACGCAAATATATGTCCACTCAAAGACTTGACATGAATGTTGAGAGCAGGTTTA
TACTGAATAGCGCAATGTGAAAAAACCCCAAATCTAGCAAAGGATGAAGGGAGAAATAA
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>SEQUENCE:4350:prostate_MPM2000-004P4Novel007_8Table3

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TAAGGGGTCTACATGAAAAAGTCATAATAGATCAAGTAAGCGTGAGAAACATGACTGGGG
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>SEQUENCE:4351:prostate_MPM2000-004P4Novel007_8Table3

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GCCCTGCTCACTGTGCCCTTCTTTTTGGGGGTTTCTTGTAGACCACAGCTAGACCAGTG
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GAAAGAATTGGCACAGGATCATTCGGGATGCATCTCTCCCTTGCCCCTGTTCTTGCTTT
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>SEQUENCE:4352:prostate_MPM2000-004P4Novel007_8Table3

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AGGAAAAAAGTAATTAGACTAACTGGGCGCGGTGGCTCACGCCTGTAATCAATCCCAGC
ACTTTGGGAGGCAGAGATGGGTGGATCACCTGACGTCGGGAGTTTGAGACCAGCCTGACC
AACATGGAGAAACCCCATCTTTACTAAACTACAAAATTAGCCGGGCGTGGTGCCACATG
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>SEQUENCE:4353:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4354:prostate_MPM2000-004P4Novel007_8Table3

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AGCTTTGCCCTAGGTCATGAGGACAGAGGGGTTCCCAACAGTTTGGTGGTCAGCAGATTG
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ATCAAGCAGTTCTCCTGCCTCAGCCTCCCAAGTAGCTGGGAATACAGGCGTGCCCCACCA
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>SEQUENCE:4355:prostate_MPM2000-004P4Novel007_8Table3

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GAGCTATGTGGGGCGACCTCTGGCTCCTCCCGCCTGCCTCTGCCAATCCGGGGCACTGGGA
CAGAGGCTGAGTTTGAGAAAGCTGCAGAGGAGGTTAGGCACCTTAAGACCAAGCCATCGG
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CAGAATGGCCCGGGATGTTGGACTTCACGGGCAAGGCCAAGTGGGATGCCTGGAATGAGC
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>SEQUENCE:4356:prostate_MPM2000-004P4Novel007_8Table3

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GGCAGGAAAATTCTTGAACCCAGGAGACGGAAGTTGCAGTGAGCTGAGATCACACCACTG
CACTCCAGCCTGGTGACAGAGCAAGACTCCGGCTCTTAAAAAAAAAAAAAAAAAAAAAGG
AGAGAGAGAGAATAAATAGAAAAGAATGTGGCTGGGAATTGTGAATCAGAAGATTATACC
CCCAATTGTTTTTCAATCCCTTTTCTCAAATAATAAATTAGTTAAATCAGTTTCTGAG
TTATGCCACTGGCTGATGAAGAGTTGAGAGGTCTCTTTGCAGAATGATCTTTTGTTCG
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>SEQUENCE:4357:prostate_MPM2000-004P4Novel007_8Table3

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CCCAGCACTCTGGGAGGGTTGAGCAGGCGATCATGAAGTTAGGAGTTAGAGACCAGCCTG
GCCAACATGGTGAAACCCTCGTCTCTACTAAAAATACAAAATTAGCCAAGTGTGGTGGT
GCATGCCTGTAATCCACCTACTCGGGAGGCTGAGGCAGGAGAATTGCTTGAATCCAGGA
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>SEQUENCE:4358:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4359:prostate_MPM2000-004P4Novel007_8Table3

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CCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTGATATCAAGCTTATCGATAC
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>SEQUENCE:4360:prostate_MPM2000-004P4Novel007_8Table3

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ACTTGCTACAAGTATCTCAATCAGACCAGTCGCAGTTTTCGCAGCTGTTATCCAAGCGCTG
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CTGGAAGATGACATGACCATCAGTGTGGAAAAGAAGGTCCCGCTGTTACACAACCTTTCAC
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CTGGAGGACTTCCCAACGATCTCCCTTGAGTTTAGAAATCTGGCTGAGAAATACCAAACA
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>SEQUENCE:4361:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4362:prostate_MPM2000-004P4Novel007_8Table3

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GAGTGCAGCAATAACTGCACT

>SEQUENCE:4363:prostate_MPM2000-004P4Novel007_8Table3

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AGAAAGAAAGAAAGAAAGTTTTATATATCCTGTAATCTAGACTGGAAGCTAAATAATTGC
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>SEQUENCE:4364:prostate_MPM2000-004P4Novel007_8Table3

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CTCGAACTCCTGGCCTCAAGTGATCCACCTGCCTTGGCCTCCCAAAGTGTTGGGATTACA
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>SEQUENCE:4365:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4366:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4367:prostate_MPM2000-004P4Novel007_8Table3
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ATTCTCCTTTTAACAGACCCTGCCCCCACTTGCCATAAACTTAGCTAAGTTTTGTTTTG
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>SEQUENCE:4368:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4369:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4370:prostate_MPM2000-004P4Novel007_8Table3
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CCTGGGAGGCCGAGGCGGGCAGATGACGAGGTCAGGAGATCGAGACCATCCTGGCTAAC
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>SEQUENCE:4371:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4372:prostate_MPM2000-004P4Novel007_8Table3
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CTGGCATCCTCACAATTGAGTTGAAGCTGTTCTCCTAAAACAATCCTGACTTTTATTTT
GCCAAAATCAATACAATCCTTTGAATTTTTTATCTGCATAAATTTTACAGTAGAATATGA
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>SEQUENCE:4387:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4388:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4389:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4390:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4391:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4392:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4393:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4397:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4398:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4400:prostate_MPM2000-004P4Novel007_8Table3
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GAACCGCAATCGCAAGGCACCTCTGAGAACTTCAGGTAGGAGAAAAGCAAACCTCCCA

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ACCTCTTACTTCGGGCTTAAGGCAGAGAACTCGCCTCCCCAGAATCTCCTCCCTCCATGA
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>SEQUENCE:4401:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4402:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4403:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4404:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4405:prostate_MPM2000-004P4Novel007_8Table3

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CAGGATGAAGGGAGACTGGGCAAGACTCTTACGCCCCACACTGCAATTTGGTCTTGTGTC
CGTATCCATTTATGTGGGCCTTTCTCGAGTTTCTGATTATAAACACCACTGGAGCGATGT
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>SEQUENCE:4406:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4407:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4409:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4410:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4411:prostate_MPM2000-004P4Novel007_8Table3

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A

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>SEQUENCE:4412:prostate_MPM2000-004P4Novel007_8Table3

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GTAAAACCTGGAACCTGCAAGTGGTTCAGAACTTTGGTGGCCAGTAAGGGAAAACTCCT
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>SEQUENCE:4413:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4414:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4415:prostate_MPM2000-004P4Novel007_8Table3

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TCCTAAGATTCCATGACACCCCTACCTTCTAATTCTGTTATTGCAACTGCAGACGGTTAC
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TGAGTTGAGGCACCTCGAACCTTGTTTTGTGGTGAAGGATCCTAAAGTGCTGTGGGGAG
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>SEQUENCE:4416:prostate_MPM2000-004P4Novel007_8Table3

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A

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>SEQUENCE:4417:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4419:prostate_MPM2000-004P4Novel007_8Table3

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CATGCCTGTAACCAGCACTTTGAGAGGCCAGGCGGGCGGATCACCTGAGGTCCGGAGTT
CAAGACTAGCCTGACAAACATGGAGAAACCCCATCCCTACTAAAAATACAAAATTAGCTG
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>SEQUENCE:4420:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4421:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4422:prostate_MPM2000-004P4Novel007_8Table3

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AGTGGAATTGAACCAGAAGATGGCCAGCATTTTGGGCATGGATGAGGTGGAGATGAGGAT
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>SEQUENCE:4423:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4424:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4425:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4426:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4428:prostate_MPM2000-004P4Novel007_8Table3

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ACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTT
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CTTCCCTATCAGCCAGAGATATGTGGAGAGCTTATCGTAGCCCTTCTATGGCTCTCTTAT
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>SEQUENCE:4429:prostate_MPM2000-004P4Novel007_8Table3

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GGGGAAATCTTGGCACCCAGAAGAATTCAACTGCGCTCACTGCAAAAATACAATGGCCTA
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>SEQUENCE:4430:prostate_MPM2000-004P4Novel007_8Table3

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TAATTATTGAGTGCCCACTGTGTATAAAATGTTAGTATCCACGAATTCTGAAAATTCTGT
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>SEQUENCE:4431:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4432:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4433:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4435:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4450:prostate_MPM2000-004P4Novel007_8Table3
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CTGGCCTTAAATCAACTTTAGAGTCAACATCTCTTATCACTGGAGCTTCTGGAGAACTC
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Table 7
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>SEQUENCE:4471:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4472:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4496:prostate_MPM2000-004P4Novel007_8Table3

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AGACCTGACAGCTTGAGAAGGTCACTACTGCATTTATAGGACCTTCTGGTGGTTCTGCTG
TTACGTTTGAAGTCTGACAATCCTTGAGAATCTTTGCATGCAGAGGAGGTAAGAGGTATT
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>SEQUENCE:4522:prostate_MPM2000-004P4Novel007_8Table3

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TTCTTCAATAGTGAGAAATCTTGCTCCTATTGTCTTTAATATATTTATATATTTCTTAT
TCTACTTTATAAAACCAAGTGTTTTGATACACACGGCATAACCTTCCCAGCTTTAACATTG
CTAGTCATCTGTAACCATAACCTCAGATTTGACTCTGAATGGCCCTTGTTGTCTCCTCAG
CCCCAGTTGTTTCTTTGGCACTGCCACCCTCCTGACCTCTACTGTCTCCTTGGCCCTGAC
CCTGAAAGTCCTTCCAGACTCACTTGGTTCTGGCTCTGTAAGACCCTGGGTATCACCAGG
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>SEQUENCE:4523:prostate_MPM2000-004P4Novel007_8Table3

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACCTGAACAAATCCCATC
AAGGACAGATTCTCAGTCTTGAAGAGGCAGCACGGTAAAGGGGAAAGATCATGAGTTTGT
GGGCCAGGTTCCCTTGGATATTGCGGGGTCCCCACACTTCTGGATGATGTTGGATAACTC
TTTGAGACTTAAGCTTCACATCTGTAAATGGAAATACTTATTTTTCAGAGTTGTCATAA
ACACTAAATGATTTGACTTATATCAACCTAATTCCTACTGGCTCATTGAACTCAGCTCAG
CTGTCCCCTCTGTTCCGATGCCTTCCCCAGTGGGGGCTTAGTTAGGGTATACCTTGCTGG
ATTACCCTGCCAAGCTCTTTACACATATCCCTTCTGCCATAAACACTCATTCTTTTGTTA
CT

>SEQUENCE:4524:prostate_MPM2000-004P4Novel007_8Table3

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AGAGCTTCTACAGAAAATCTAATTACGCTATTTCAAACAATAGAACAATTCTGCCCATGG
TTTCCAGAACAGGGAACTTTAGATCTAAAAGATTGGGAAAAAATTGGCAAAGAATTAAAA
CAAGCAAATAGGGAAGGTAAAATCATCCCACTTACAGTATGGAATGATTGGGCCATTATT
AAAGCAACTTTAGAACCATTTCAAACAGGAGAAGATATTGTTTCAGTTTCTGATGCCCT
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>SEQUENCE:4525:prostate_MPM2000-004P4Novel007_8Table3

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CTGAGATCGTGCCACTGCACTCCAGCCTGAGCGACAGAGCAAGACTGTCTCAAAAAAATA
AAAAAGAAAAAATAATAAAAAGGAAAAACAAAGCCTTTAGAAAAACAAAGCCTTTGAAAA
AGGATGTAAAATTGAATATATAGATACAATTATTTTTAAAAAGTTTTATAGAAAAATATC
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>SEQUENCE:4527:prostate_MPM2000-004P4Novel007_8Table3

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ATGGGGAGAAAGGTTGGCTGGTTGTTAATAAAACAGTAGAGGATGAGCATGTATTATAAA
TGCTGGTGGGAAGAAACCTTGTGGCAAGGAGGGTGGTAGTGTGGAGAAGAAAGAGAGGA
TATAGTAGAAAGTTAAAGAGGAACTGGAAGCAGGTGGGATCCAGGACATAGGAAGGGGAA
GAGCCTTGGGCAGAGGTGAGACATCTGCAGGAGGGAAGGAACTGAGAGAAGGGAAGGTGT
GCAAATGTGGCAGGAGGAGTTTGAGTAAAGTTCCATCTGATATCCTCTATTTTCTCTGTA
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>SEQUENCE:4528:prostate_MPM2000-004P4Novel007_8Table3

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CTTTTGCTTCCTTCCTGTTCTTCCTGTGCTTCCTTTCAGTCCTTCCTTCTACATATGGGG
CCCATCGCATTCCCCTGACTCAGATGCTGAGGGGGCCAGACTGAAGGGACAGTGGCCATT
GCATCAAGTCAGAGAACGGATCTGACCCATCTAGTAGAAGCTTATTGTTTTGGCAGAAGC
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>SEQUENCE:4529:prostate_MPM2000-004P4Novel007_8Table3

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ACACCGTTTCTGGCTCCCCTAAAGTGCATCCTCCTAATGGGACCCGGTTTTACACTTTTC
AAGAATTTGCTGCACTGACAAAAGAATTAAATGCCTGCAGGGAACAACACTTCTAGAAAAGG
AAGAAGAAATCTCTGAACCTTAAAGCTGAAAGAAACAACACAAGACTATTACTGGAGCATT
TGGAGTGCCTTGTGTCACGACATGAACGATCACTAAGAATGACGGTGGTAAAACGGCAAG
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>SEQUENCE:4530:prostate_MPM2000-004P4Novel007_8Table3

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TTACAGATCTTG

>SEQUENCE:4531:prostate_MPM2000-004P4Novel007_8Table3

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CTCTGCCTCCTGGGTTCAAGCGATTCTCCTGCCTCAGCCTCCCAAGTAGCTGGGATTACA
GGCATGCGCCACCACACCCGGCTAATTTTTGTATTATTAATAGAGACGGGGGTTTCATCA
TGTTGGCCAGGCTGGTCTCGAACTCCTGACCTCGGGTGATCCACCCGACTCAACCTCCCA

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AAGTGCTGGGATTATAGGTGCGAGCGACCACGCCTGGCCTACAATGTCATATCATTCTAT
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>SEQUENCE:4532:prostate_MPM2000-004P4Novel007_8Table3

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TTGGGGGGATTGTGTTTAGCTATTGGATTTATTGCAGTCTGCCTTTCTGTAAATATTTTC
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>SEQUENCE:4533:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTT
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CTCATCTCTAATTGTAATCCCCACGTGTCAAGGAAGGGACCTTGTGGGAGGTGACTGGAT
CATGGGGACAGTTTCCTCCATGCTATTCTTGACAGTAAGTGAGTTATCACAAGATCTG
ATGGTTTAGAAGTATGGCACATCCCCCCTCACTCTCTTTCTCTCTCCTGCCACCATATA
AGATGTGTCTTGCTCCCCCTTTGCCTTCCACCTTGATTATAAGTTTCCTGAGGCCTCCCT
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>SEQUENCE:4534:prostate_MPM2000-004P4Novel007_8Table3

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AAGCACTTTCAGATTCATCACACAGGTGTGTGGCAGTGGTGCTTTTTTTTTTTTTTTTC
TAAATCCAATGATCAAGGAAACATTTACTTGTAATCTTTCCGCCTCTTTCCACATCAC
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GACCTAGGATTTATGATTAGGGAATCTGATAACAAAACACTGATTTTTTTGAACA

>SEQUENCE:4535:prostate_MPM2000-004P4Novel007_8Table3

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ACTTCTAATGAGAAGCTTATGCTGGCCTCCATGTTCCACTCGCTCTTTGCCATCGGCTCC
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TTGCATTGCTACCAGACACTGACAGGGATCAAGTTTGTGGTTCTAGCAGATCCTAGGCAA
GCTGGAATAGATTCTCTTCTCCGAAAGATTTATGAGATTTACTCAAACCTTTGCCCTCAAG
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>SEQUENCE:4536:prostate_MPM2000-004P4Novel007_8Table3

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ACAATGAANAGAATAAAGAGACAGATTTGAATTTTCAGTTTCATTTTCAAAAACCTATTTA
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>SEQUENCE:4537:prostate_MPM2000-004P4Novel007_8Table3

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GTCCAAGCACAGGTTGGTTTTATACATTTTAGGGAGACATGAGACATCAGTATATGTAAG
ATGTTCTTGGTTCTGTTGGGAACGGCAGGACAACCTTGAAGCAGGGAGGGGGCTTCGAGG
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>SEQUENCE:4538:prostate_MPM2000-004P4Novel007_8Table3

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TGTTTCATGCAACCTTCTGCTGGTCTCTAAAACATCTACGTCATTAACCTTTCTCAGAAGA
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TTTAAATGTATTTTGGAGAATGTAAAATTAATCTCAGGACAGAATTGCACTATCCCTTCC
TTTAGGAAATAACTTTATGAAAAATACCCCATCCTTTGGGTGCTGCAATTTTGTGGAAA
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>SEQUENCE:4539:prostate_MPM2000-004P4Novel007_8Table3

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AGGTTAGGCAGCGTGTTCTGTGATTCACAACTTATGAAGGAAGGGAGGGATGTCAGCCCAA
GTGAGCTGCCTGCAGAGCCTATGCTCTGATATTGCTCCAGCTACCACTTTTAACATTTAG
TGTTCTGACTTACTATTATAATGGAAGCCCTACCCTATCTTCTGTGTATGTGAGAGGATT
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>SEQUENCE:4540:prostate_MPM2000-004P4Novel007_8Table3

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GAGTAGCTGGGATTACAGGCGCGTGCCACTGCGTCCGGCTAATTTTTGTATTTTAGTAG
AGATGGGGTTTCACCATGTTGGCCAGGCTGATCTCAAACCTCTGACCTTATGTGGTCCAC
CCACCTTGGCCTCCCAAAGTGCTGGGATTACAGGCGTGAGCCACCGCGCTCAGCCTACAA
GCAATTTTTTAAAACTGACACCTATTACTGATAAAATTCTCTGTTTAAATCCTATTTA
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>SEQUENCE:4541:prostate_MPM2000-004P4Novel007_8Table3

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AAGGTCAAAATATATATTATAGAACATGTGGACTACAGTAAACGTATACTTGAAAATTGC
AGAGTAGATATGTGTGAGTTAATGCTTATGGTTAATTAGCTCAACATAGCTAGTCCATAA
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>SEQUENCE:4542:prostate_MPM2000-004P4Novel007_8Table3

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TTTGGGCTAACACAATGAATATGAAAAAACTTTTTTGTGGCGGGGGTGGGAGGTGGGAC
GGAGTCTCTCTCTGTTGCCAGGCTGGAGTGCAATGGCGCAATTTGGCTCACTGCAACCT
CCACCTCCTGGATTCAAGTGATTCTCCTGCCTCAGCCTCCTGAGTAGCTGGGATTACAGG
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>SEQUENCE:4543:prostate_MPM2000-004P4Novel007_8Table3

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ACAGAGATAAAAAATTAGATGAGAGGTTGCCAGGATCAATGGTGGGGGAAACGGGACCATG
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>SEQUENCE:4544:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4545:prostate_MPM2000-004P4Novel007_8Table3
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TGCCTTCGTCCCTCCGCCCTAAGCCCTAAGAGTGGGGGAGGTTTAATACGGCCAATGGA
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>SEQUENCE:4546:prostate_MPM2000-004P4Novel007_8Table3
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TACCTGTAATTCCAACACTGTGGGAGGTGGAGGCAGGAGGATCCCTTGAGGCCAGGAGTT
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>SEQUENCE:4547:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4549:prostate_MPM2000-004P4Novel007_8Table3
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GNNGGGTGNTGAAGGATGAGAAAATAGCAGGCTTGTGATTCTAGTCCTTCCTGACTGTTT
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>SEQUENCE:4551:prostate_MPM2000-004P4Novel007_8Table3

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CACAACACCCAAGCCATTTCAAATACCTGGAAAGCCTTCCCAAGAAGGACAGCTACAAAC
AAGCCCAGACTGCAAAGACTACAATAAGGACCTAATTATTCGGTGCCCAAACACCGGTGA
CATCTGCAAGCATCAACATCATCCAGGAAAACAGCCTCACCAAATGAACTAGATAAGGCA
TAAGGTGCCAGGGACTAATTCTGGAGAAACAGAGGTATGTGACAGAGAATTCAAATGGC
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>SEQUENCE:4552:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4553:prostate_MPM2000-004P4Novel007_8Table3

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TGGAGTTACAGGAGTGAGCCACCGTGCCCAGCCCCATATACTTTAAATTATCTTTAGATT
ACTTATAATATCTAATACAATGTAAATGGTATGTTAACAGTTGTTATACTATATTGTTTA
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>SEQUENCE:4554:prostate_MPM2000-004P4Novel007_8Table3

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CCTCCTGAGTAGCTGGGATTACAGGCAATGCGCCACCATGCCTGGCTAATTTTGTATTTT
TAGTGGAGACAGGGTTTCTCCACGTTGGTCAGGCTGGTCTCGAACTCCCGACTTCAGGTG
ATCCGCCCACCTCGGCCCCCAGAGTGTGGGATTACAGGTGTGAGCCACTGCACTCAGC
CAATATCTATTATTCTTAAAGTCTTACCAGGTTTAAAGTTCTTGGATTATAATTCTGAT
GCTAATTGCTTGGAAATGTATTGCTATGTATTTATGAATATTCTCTTATAACTAAAGATG
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TCTCAGCCTCCCAAAGTGCTAGGATTATAGGCATGAGCAATCACGCCCGGCCTATTGGTT
TATTTCAATAAGCAGTTATGAGTAAAGAAAGATAAAATACTAGCTCTATGCATTATTAAT
TAAATACATAGCTTCTGACACAGCTACTTTTTGCTCTCCTGAGAAGCCTTTTAAACTT
TCTCTGAATTCCTGATTATGTTCTGAAAGATAAAGCTGCTAAACTGGGCTCCAAGGATA
GTTACTGCAGGAAAAAACTGAAGGCTAAATGAA

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>SEQUENCE:4556:prostate_MPM2000-004P4Novel007_8Table3

ATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGCGGCAGGTA
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TGCTGGAGAATTGTCCCAAACATATTTTTTAACTTTGTAGGACATTTAGCCCATCAA
ACCTGCAAAATCTTTACATACACAGAAGAACAGACAGTTCTTCAATGAACCAGAAGAAAA
TTTCTGGATGGTCATGGTATTTACATACACAGTGTATCTTTCTGAAATTGTATGGTGAAG
TTATGGGTGATCTTTACTGTTCAGAATTTAGGAAAGTTCTCTGGCTGTTGCATCCAAGTA
AAATTAATAATAAATTGGTTGCAATTTTAAATCAAGTTCTTCCTATTTGCTTTATTCAT
TCTTGGGGCTGTTTTAAGAAGCTATGTTTCTGATGCTGTAACATGTTCAAAGTTTTTAA
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>SEQUENCE:4557:prostate_MPM2000-004P4Novel007_8Table3

TATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTACTA
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AGATATCTAACTTTTCTTTTTATGCCTTTCACATTTCCATTGGAGATCACTTTGTCCCC
TTCCTTAAGGTTCTGTGCGGGAGAGATTTAAGAGTTGGTTCTAGCTAAAAAATATGGCTGT
AGCTCTGAAGATGACATAAAAGTTTTTCCCTATGCCTAAGATTTCAAATATATGTATACA
TTTGAAAGAAAAAACAGGGAGAGCATTATTTTTTTGTCCAGATTATTTTGTCTCATTGTA
GGTAAAAACAATCTGTGTATATATGTAAAAAAAACANAAACAAAAACAAAAAAAAC
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>SEQUENCE:4558:prostate_MPM2000-004P4Novel007_8Table3

CCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCCCTT
TCGAGCGGCCGCACGGGCAGGTACCCAGAAAATAAGAAAGGGTTCCAAAATGAAGAATCG
CTCCTTTTGCAAACCTTATGGTAACAAATATAATATTATAAAAAGTGAATTAGGTAATAT
GTTAATGGAGAAATAAACATCATTATGAAATGCTATCTTAAACAAAAAATAAGAGAAAAT
ATTAGTTTAAAAATAGAACTTATAGTCGATTTAAAAAAGCAAGACCAAACCTCTAGCTAT
GCACAAGAAAGTTACTTTACACATTCACAAATATAAAAGGATGAGAAAACATGGATTATG
AAAATATGAACCGAAATGAAGCTATAGTAGCTGTGCAATTTTCAGACAAAATAGACATCA
GAAAAGACTTTTAGGACTTAACAGGGATATTACATAGGATAAAGTTACCACTTTTTTTTA
AAGATGCCAAAAAAGACTTAACAAATATATAATAGAAGAAGAATACCCCATTCATTGTGA
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>SEQUENCE:4559:prostate_MPM2000-004P4Novel007_8Table3

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TTCGAAGCATCTTTTGGGCAAACTTCTTTCTCAGGCGCTTGATCTTCAGCTCTGCGAAAT
TCCTTCGCTTTTCTTAAGGGTTTCTGGCACAGCAGGAACCTCCTTCTTCTTCTTCTAC
ACCCTCCATGGTTCAGCCGGAAGAGCCCCGCGTACTATGTGGCGTTCTTCACCTCC
CCCTTCGTGGTCTTCTCCTGGAATGTGGTCTTCTACATCGCCTTCCTCCTGCTGTTTGCC
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ACCTCCCGGGTGGCTGGGACTACAGGCGCACGCCACCACGCCAGCTAATTTCTTCATAT
TTTTTTTAGTGGAGACGGGGTTTTACTGTGTTGGCCGGGATGGTCTTGATCTCCTGACCT
CCTGATCCTCCTGCCTCGGCCTCCCAAAGTGCTGGGATTGCGGGCGTGAGCCACCGCGCC
TGGCCTGCTTAGAGTTTTTTATGTAATTATTTGTGACACAAACATTTAAATACTGTAG
CTTAGAATGAAATTGTCTCAATCCTAGGAGCCAAAAGTTTGATGAATATGAATACTAATA
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>SEQUENCE:4561:prostate_MPM2000-004P4Novel007_8Table3

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TCTCAGCTCACTACAACCTCCACTCCCTGGGTTCAAGCCTCAAGCCTCCGAGTAGCTGGG
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CCAAAGTGCTAGGATTATAGGCATGAGCAATCACGCCCGGCCTATTGGTTTATTTCAATA
AGCAGTTATGAGTAAAGAAAGATAAAATACTAGCTCTATGCATTATTAAGTAAATACAT
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GGTTTATGCTTCTGGTGGAAATGAACAAATGTCCCCCATAAGGAAAAAAAGTTGAGAGA
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GCCTAGTTTAATTTT

>SEQUENCE:4563:prostate_MPM2000-004P4Novel007_8Table3

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TTCAACAAATGCTTGATGAATGACTCAATGAGCAAAATTACATGAAAACACTTGCTAACC
TATCTCTTTTCATCAAGTATGTAGCAAACACATGCCACACCTGGCACCAGAACTATAA
GTGCTATCTAAATATCAACATTTTATTTGGCCTGTGCACTTATCAGCTAGTGGAAAGCAT
AAATTATTCCAATAAACAGACGGGAGGTGTGGAGGCAAAATATCACACCTAGGTCTTCAA
AACTAATGACTNTCAAATCAAAAACCTGCATTACCTGATAAAGACTTAACCTTCATGATTAT
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>SEQUENCE:4564:prostate_MPM2000-004P4Novel007_8Table3

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TGAAAGTTTTAACTTGCCCGAAACAGTCCCTAACCATAACAGGAACAATTAATGATGCTAT
AAANATTCTATCTAACATTCCTAGTCTACTTGTTGTTTGGAGGGCAGGCTGCCATTCCT
GCCTATTTTAATCTTTTGAAGGTGGTCTCTGCTCCCATTTTAAAGGTATAAGCAATTAAGA
GATACAGAACCTCAGAACTACCTTCTATAACTTACCTAATTTCTAAGCTTAAATGTAA
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>SEQUENCE:4565:prostate_MPM2000-004P4Novel007_8Table3

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGTGGCTCATGCC
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GCTGTAGTGAGCTACGACTGAGCCACTACACTCCAGTCTAGGCAACAGAGCAAGACCCTG
TCTCAAAAACAAAAACAAAAACAAAATAACAGAATATTTGTTGCCAGTGATAAAGTTAGA
CCCTAAATAAAAATTAGAACTTTAGAAAGCATGCATTCACCACCATGAACTTTAAAGCAA
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>SEQUENCE:4566:prostate_MPM2000-004P4Novel007_8Table3

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TCAGCCTCCCGAGTAGCTGGGACTACAGGCATCTGCCACCACGCCTGGCTAATTTTTTTT
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TCATGATCCACCTGCCTTGGCCTCCCAAAGTGCTGGGATTACAGGCATGAGCCACTGCGC
CCAGCCGAGTCATTTTTTAATACTACTGCATGTGAGTTAACACAATCATTCCCAAATTGA
AGNTTTAGATGGGCCCTCAAATTTTATAGGATATGGTTTTCTACAGGTTTATATTGAAA
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>SEQUENCE:4567:prostate_MPM2000-004P4Novel007_8Table3

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ACTACTGGTTAGGAAAAAGCTTATCATTCACTATCCTACACAAATAAAAACACCAGTTA
AAGGCGAGAGATGGAAGAGAGAGAATAGGTCAATTTACTTCAGTAGCTACACCTTCTGTCC
CCAATCACAGGGACGAAATGACCCGAGGGTGGGTGAAGCTATGCAGTAATACAGCCTTCA

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AAAGATAATCACATTTGCATTCTCAATAGCACAGACACAACCATTTAATTTAACTTGACA
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>SEQUENCE:4568:prostate_MPM2000-004P4Novel007_8Table3
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TAGTCAAAGGTTTACAGCAACTAAGTAAATAGTGGCTCAAGAAAGAGGAAACATGAATTT
TGGTGGCATTTTTACTTGCCCTTGCCCCAATGCCCTCCCTGATTTAGTGGCAATCTTGAC
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TTTTCAAAGAACTGTGTTTGTCTGTTTTGACTTATCTGGGGACAACCTTCAGGCCTGACA
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>SEQUENCE:4569:prostate_MPM2000-004P4Novel007_8Table3
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GGTATCACCAGCAGGAGGTACCTGCCCGGGCGGCCGCTCTAGAACTAGTGGATCCCCCGG
GCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTAC
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>SEQUENCE:4570:prostate_MPM2000-004P4Novel007_8Table3
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GACACAATGACAGCCTTACTCTCTAAATTAGTAACTTCCGTAGGAGACCCAGAGCACA
CCTCCCTCCCAGCAGTGAAAGCCGAGGATTCCCGTTTTGATTAGCAGGCGCCTTCTGTTT
ACGATAAAGGGATAAGAATCAGGCAGTGATGGCAGCGGAGTTCATGCTTCATTAAGGCAG
GCATTGCAAACCTAGTTCAGAGGAGAGAATCCACGATGACAGCACATTCTGTGCCATGGAG
AACATTCTTAAATCAAGCCTCCAGTGGAGGAAGGACTCAAGAATGAAATAGCACCAGATA
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ATTAATGCCTTTAAACAACCTGTGATATCTGGACAAATAAAATAGAAATGACTTCTTAAG
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GCCTCCAAGCAGCTGGAACCAACAGGTGCACGCCACCATGCCTGGCCATTTTTTTTTTAA
TATATATATTTTCAGTAGAGACGGGGTTTACCACGCTGGCCAGGCTGGTCTCAAACCTCC
TGACCTCAGGTGATCCACCCGCCTCAGCCTCCCAAAGTGCTGGGATTACAGGCGTGAGCC
ACCGCGCTGGGCCATCTGTAGTCTTCTGCAAAAAAAGGTTCTCTAACATTTTATAGCTAG
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>SEQUENCE:4572:prostate_MPM2000-004P4Novel007_8Table3
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GAGCAGCAGAAGGGGTTGTGGGTGAGTCTACATTGTTGTAGTTGTCCTCTCACTACCCAT
TTGCAAGGAAAGCCTGGCATCAACTGGATATAGAACCGGGAGCTCTGATGATGATAACTC
ATTTCTTAGAGAGTCTTTTTCTACTTTGCCTGTTTTGATCTCTGCCTCAGGCATCTGAT
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GCAAGTTTATTATGAATGTGATCTGAGCAGACGCCTACACATCTACCCAATAGCCTTTAA
CCTCTAAAGGGCTAGAGTCATTGTTCTTCAAACCGTTGCACTGTAACTGGTCAAGTCTG
GCAACTTCGAATAGACCTCACCTCCCACGTTGCTCTCTCCTGGTCAGAGCTGAAGCACAT
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>SEQUENCE:4573:prostate_MPM2000-004P4Novel007_8Table3

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ACACAATTACAAAACTGTTACGTTAGGGTCAAACAAGAACCATTTTATGAAACTGAATT
ACAACAAATGACATTATATCTAACTCTTCCGGGTCTCCACAGCACTTATACTTACTTAAG
CAGCTTAAACACTTCCGAGTCTCCACAGCACTCTGATACTTACTTAAACAGCTCTTTTAA
CCTGCCCTAGTATTCTTAAGTGCAACATATCTAATTTTTTTTTTCTCAGTAGTTTGAAC
ACTTGCTGGCTATTTTTTCTGTCCAAGTTCTCAGTAACTTCGGCCTGTGTAGTCAGTGGT
TCTACACAGCCGACACTACTTCTTACATAACACTTGGTCTCTCTGGCTTCTGGAAAGGGC
GAGGGGTACCTTCCGGAGTCCAGTGCTCTTTCGGCACTTCTGCAACCAGGCAGTGGTAA
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>SEQUENCE:4574:prostate_MPM2000-004P4Novel007_8Table3

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AAACCCCAATGTGTATGGCTTACTCCAGCTGCTTCCTTACCTTCAGGTTTGTGGGCTTCA
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AAAATGATGGGAAATCACTCTGTCTTCAAACAATATAAAATAATAAAATCTAGTTATAA
AGATTATATACCATTTGTCAGTAGTAAGAAGTGGCACTCTTATTTACAAAACATAAAGAAA
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AGGCCAGAGGATT

>SEQUENCE:4575:prostate_MPM2000-004P4Novel007_8Table3

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TTGGCTCACTGCAACCTTGGACTCTGGGGCTCAAGCTATCCTATCACTTTAGCCTCCTGA
ATAGCTGGGACTACAGGCGCATGCCACCACACCCAGCTAATTTTCGTGCTTTTTGTAGAG
ACAGGATTTACCATGTTGCCAGGCTGGTTAATCTTACTTTCAAATGTTACTGATGAGA
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TGGAGAGAAAGTTCTTTTGTAGATAGGGATGAGAATCCCACAGAAACTCAGGAGTGATG
TAACAATGCAAATGCTCACAAAATCTCTTTCCTCATCTTTCATTCCCTATTTGGAAGGAA
AGGTTTCAAAGACATTGATGTTGTATAAATGACCATCTTCTTCATTATTTTATAAACATT
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>SEQUENCE:4577:prostate_MPM2000-004P4Novel007_8Table3

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AAAGTTATAAACTGAATTTGCCTCATGGTAAGTATTATACATAAAGAAATTCCTGCCTGT
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>SEQUENCE:4578:prostate_MPM2000-004P4Novel007_8Table3

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TCCAAGTAAACACACATGACACACACACACACACACACACACACACACACATACACAC
ACCCGCAGACACCCTAGTGGCCAATAGGTCCTCTCACCAAAAACCTGTGATCAGGAGAGC

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AGAAAGCCTCCCAGGGGTCCATCACTGCCCTTTCTGGAGCCCCTTATCAGATGGCCAGCC
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>SEQUENCE:4579:prostate_MPM2000-004P4Novel007_8Table3

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GAGCACAGAAAGTTCTTTGTTTTCTAGAATTAAGTCTGCTCACCTGGTTTGCATTCTGC
ATCTGCCTTTCTTTAGTGCAGGGTAGTGTGAGTCCCACTGTGGCCCAAAGTTTGCATTCT
GCGTTAACCAAGTCACAATTAATGAGGTTTTACTATAGGCACAAATGCTTAAAAAAGAAA
AAAACGATTGTTTTGTGTGGTTAAAATAAAAACTTGTGGGGATTTTAATGTATTTCTTTG
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>SEQUENCE:4580:prostate_MPM2000-004P4Novel007_8Table3

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CCAGCCTGTGGAGGTTGGTCAGGTGGTCACCCATCTTCTTGATAAGCTTCACTTCCTCAT
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>SEQUENCE:4581:prostate_MPM2000-004P4Novel007_8Table3

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AGATAAACTGTTGAAGAAACATAAGGATCTTCATTGTGCTAAGGTTTTAAAGGCAATTGG
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TGAACCCACAGATGACAACTCACTGCAGGCACTGACTATCCTTTACCGGGAGATGCACCG
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GTAT

>SEQUENCE:4582:prostate_MPM2000-004P4Novel007_8Table3

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTCACTGATTTTT
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TATTGAGTCCTGCTAAATACATGCTAGGCATTAGGGTTTTAAAAACAATTAATAAAGCA
TGTCAGGGATGGCTTTTCTAGAAAACATGCCCAAGCAGAGACTTAAATATTGAGACTAGC
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>SEQUENCE:4583:prostate_MPM2000-004P4Novel007_8Table3

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CCACCCAAAAAAACCAGAAGCTCCAATTGTCCAGTGCCTGAAGCTCAAGAAGTTGTCCC
AGAAAAGAAAGTTCCTAAGGCTCCTCCCAAAAACCAGAAGCCCCACCTGCCACAGTGCC
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>SEQUENCE:4584:prostate_MPM2000-004P4Novel007_8Table3

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TCAAAGNTTGAGATAAGTGACCACGTATGAATTTGCCACAAATTCTATAAGCGCACTCAC
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>SEQUENCE:4585:prostate_MPM2000-004P4Novel007_8Table3

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ACTCACTTAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAAGGATTCTCT
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TACTTCTGCTGCTTCCAAGGAGTGTTGATGAAAAAGTGGGGCCTTGGAGGGGGTAGAGGCC
AAGGGACAGTTTCCCCTCTGCCCTTTGAAGTTCACGATCTTCCATGCAACAAAATTGTTT
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>SEQUENCE:4586:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4587:prostate_MPM2000-004P4Novel007_8Table3

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C

TAAACTGTGCGTTCATAACCAAATCATTTTCATATTTCTAACCTCAAACAAAGCTGTTG
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>SEQUENCE:4588:prostate_MPM2000-004P4Novel007_8Table3

ACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTGCT
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TTTCTTACAGTGGAAGTAGGCACCACCCCTCAGATCACGAGGCCCTAGGAAGAAGCCTG
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>SEQUENCE:4589:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4590:prostate_MPM2000-004P4Novel007_8Table3

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TCAAAGNTTGAGATAAGTGACCACGTATGAATTTGCCACAAATTCTATAAGCGCACTCAC
CATGAANATGGATAAGAGGTGTACCTTTGGGGGATTTGCANCCGCATGTAATTCTGTGAA
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>SEQUENCE:4591:prostate_MPM2000-004P4Novel007_8Table3

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GGTAGGGCAGTGGTTAGAACCTCCTGGCTGACTGTGGGAATTGATTTGCTGCTAGAGGAG

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GGTAGATTGGGTTTTCCAAAGTCTTTTTAAGACCCAGACCATCTGAAACAAGGGAAGGGC
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>SEQUENCE:4592:prostate_MPM2000-004P4Novel007_8Table3

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AGTGTTCCTTCCACTGCCCTGAATAGGGTGACCATATTTTCCATGGGAACCCGAACCTCCCC
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>SEQUENCE:4594:prostate_MPM2000-004P4Novel007_8Table3

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ACCTCTGTATCATCAGGTCCTTCCCACCATGCAGATCTTCTGGTCTCCCTCGGCTGCAG
CCACACAAATCTCCCCTCTGTTTTTCTGATGCCAGCTTCTCGGCACTTGCTATTTCTCCC
CGCGTACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAA
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>SEQUENCE:4595:prostate_MPM2000-004P4Novel007_8Table3

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TTTTAGCCTAAGAGTGGTGACGCCGCTGCAGCTGCTGATGCTTCTCCTAGTCTCAATCGA
GAAGAAGTGATGAACTCCTCAGTATATTTGAGTCTCGGTTGTCATTTCTTCTCCTTCAG
TCCATTAACTGCTATCTTCAACTAAAAAGAAAACAAGGTAAATTAAGTGGTTATTTGTA
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>SEQUENCE:4596:prostate_MPM2000-004P4Novel007_8Table3

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ACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTC
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>SEQUENCE:4597:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4598:prostate_MPM2000-004P4Novel007_8Table3

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CAATGGGGGGGAGGTAAGTCAGTTAGGTGAAAGACTACATGGCACATGCTGTCATTCTGG
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>SEQUENCE:4599:prostate_MPM2000-004P4Novel007_8Table3

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AACCAGACCTTTGTTTGACTACCAGTAGGGCAAATACCACATTTGTGCATCACTGAGTAA
TAACACCATTAGAAAAGGCAACTTCACAGAAGTTATTGGCTAAGCGAACTCATTTGAATG
CTCTGTTTTGAGGCAGCAAAGTGTCACTGTCGCAGATTGGGGAGGGCAGTGGGTAAGTCA
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>SEQUENCE:4600:prostate_MPM2000-004P4Novel007_8Table3

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GGTTGGAGTGCGAGGTTAGGGACAGGAATAGAAGGTAGGTAATAAACATTCATGTGGTAT
TAACTTAGGGCAGATGTGTCAATGTATTTCCAAGTTTAGCATAATATAGGTATAAAAATT
AAATAAAAAGTTTATATGTGTGTGTATATATGGGTTAATACACAACACATACCTCCTAGA
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>SEQUENCE:4601:prostate_MPM2000-004P4Novel007_8Table3

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TGATGTCACCAACATGTAGCTTTTTAAGTTTAGGTTAATTAAGTAATAATTAAGCCT
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>SEQUENCE:4602:prostate_MPM2000-004P4Novel007_8Table3

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CAATTTCTAGAAATTAACAATGAGTCCTTTTATAGCACTGACCTTACTCTTCCTGCCTTC
CCCACCTCCACCCCAAACCTTGCTTTGGGTGTTCTTTAATCTTTCAAGGGAGTGATAAATG
TCACAAACTCTTAAATAAAGGGCTGAAATGGCAGCGTATGACTGTTTAGACGTGTCTTTA
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>SEQUENCE:4603:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4604:prostate_MPM2000-004P4Novel007_8Table3

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GGGAAAAAAGAGTAACTACCAGCCATTTCTCCAATGGACATCTCTTCCACAGACCTCAAC
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Table 7
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ACTCCCCCGCCTCAGTTACACATCCAACTCTACATTTACAAAACGAATTCAGGGTGA
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>SEQUENCE:4605:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4606:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4607:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4608:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4609:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4610:prostate_MPM2000-004P4Novel007_8Table3

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Table 7
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>SEQUENCE:4611:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4612:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4614:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4615:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4616:prostate_MPM2000-004P4Novel007_8Table3

Table 7
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AAGTGGTAGTCGGTTGGTGAGAGGTCAGTTCAATATGGTGGATGAGGCAAACTTTGTAG
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>SEQUENCE:4617:prostate_MPM2000-004P4Novel007_8Table3

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AATATTTAACTGAACTGTTTAATGCCTAAATTTTATATATAATTCTACTTTAAAAATAA
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>SEQUENCE:4618:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4622:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4636:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4646:prostate_MPM2000-004P4Novel007_8Table3

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TGTTTGCTTTCTTGGGCCTACTAAGTCAGTTAGTTCTTTATCTGTTTCCTTTCCAGTTTC
CAAAATTTTGTGCTATCTTTTCTCCTCCAGTTTTCTCATATGTGTGAATTTATATCT
TTTTTTAAAAAATCTCTTTATTGTATAAGAGGCCAGGTATGGTGGCTCACGCCTGTGGT
CCCAGCACTTTGGGAGGCCGAGGTGGGCGGATCAC

>SEQUENCE:4655:prostate_MPM2000-004P4Novel007_8Table3

GTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCCGCCGGGCAG
GTACTTTTTCTTTTTCTTTCTTTCTTTTTTTTTTAGACGGAGTTTTCTTCTTGT
GCCCAAGCTACAGTGCAGTGGCATGATCTCAGCTCACTGCAACTGATTCAAGCGATTCTC
CTGTCTCGGCCTCCTGAGTGGCTGGGATTACAGGCACCCGCCACCATGCCAGCTAATTT
TTTGTATTTTATGTAAGAACGGGGTTTCACCATGTTGGTCAGTCTGAGCTCGAACTCCGG
ACCTCGGGTGATCCACCCATCTCAGCCTCCCAAAGTGCTGGGATTACAGATGTGAGCCAC
CGAACCTGGCCCAGAACTCTTAGAAGTAGAATCTCAAGGTTGAAAG

>SEQUENCE:4656:prostate_MPM2000-004P4Novel007_8Table3

GCGGCCGAGGTACTGATGCTTATTTTTTTTGTTTTATGACACAGGGACTTCCTTACTCAC
CCAGGCCAGAGTGCAGGGGCGTGATCGTGGCTCACTGCAGCCTCAGCATCCCAGGTTCAA
CTGATCCCTCTGGCCTCAGCCTCCTAAGCAGCTGGGACTAGAGGTGTGTGCCACCATGCC
CAGCTAATTTTATATTATTATAGTGGCGGGGTTTTGCCATGTTGCCAGGCTGGTCTC

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GAACTCCTGAACTCAAGCAATCCACCCGCTGCCTCAGCCTCCCAAAGTGCCAGGATTACA
GGTGTGAGCCACTGTGCCAGCCCTGATGCTAATTTTTAAATGGACATTTGAATTCTCA
AAGAAATTTGTGTTGCCTCTTGTCAAACCAGGTCACTGAAATGATAACCCACACAATAAG
CCAATG

>SEQUENCE:4657:prostate_MPM2000-004P4Novel007_8Table3

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATTTTCTTTTTCTTTT
TCTTTTTTTTTTTTTTGTGAGATGGGGCCTTGCCCTATCACCCAGGCTGGAGTGCAGTG
GCACAGTCACCACTCACTGCAGCCTCAGCCTCCTGGGCTCGATCGATCCTCCCACTTCAG
CCTCTCTAGTGGCTGGGACTACAGGCACACGCCACCACGCCAGCTAATTTTTGTATTTT
TTGTAGAGAGGGGGTTTCACCATGTTGCCAGGCTGGTCTCGAACTCCTGGGCTCAGGCC
ATCCTCCTGCCTCACCTTCCCAAAGTGCTGGGACTGCAGGCATGAGCCACTGCACCTAGC
CCTGGAACCCCATTTTCTTTCCCTCTCATCATGCTGCCTTCATGGCACTTTTCTCCAC
ACCC

>SEQUENCE:4658:prostate_MPM2000-004P4Novel007_8Table3

GTTTTTGACATTCCTTGAATCTGTTTTTATTCCCCTTCCACAGAACAGGCCTGGGACTT
TCCAACACCCTGCTAAGGAAGTTCTGTGTCCAAGTCCCACCCAGGCTGGGTTGTCCCCAC
CTCCTCCAGCCCACACAGCCCAGGCAGCATCCGGGCCAGTGCCCTGCATGACAGAGGGTC
TTTGTGTGTAATGTTTGTCCCAAGTTGCATTTTCTAACCGAATCAGTGTGTTTTCATG
AACTGAGCGTTTCTGTGGACCAGTAGTTCCTCCGTTGTCTTCAGTGGTCTTCCTGTGTG
GCTCAAGGGTTCTCTGTGAGAGTCTGGATTTTCACTTCTGGAATGGCTGGCCCCATCCCA
CTTTTCTGTATCATGGGGACACATATAAAGCAGTGTTTAATAGAGCAGTTTAAGAAGTTG
CTTGCATCTGTTGGTTCACCATGGCTCATCTGGGGACCATTTTGGATTCAT

>SEQUENCE:4659:prostate_MPM2000-004P4Novel007_8Table3

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTCATCTG
TTTTAAACAAAAGTCAAACCGAACTATTCTTATCTGTCAAGTTTACAGTTATGTAGAAA
CTACAATATAGATGACAAAAGATGCATCTAACCATGTAACCTGTAATTTATCTTTGATTTA
TCCAAGCAGAACATCATTGTCTAACAATAAACCATTATTCTACTGAAATCAGAGACAATG
ATAAAGCTTGTCTCTTAAAAAACATCAACTTTTCAACTTTGATCAGATGGAGCACCAAAG
GGATTATATCTGTCAAAGCATCTTTGCAATTTTTCCACATAACTAGCATAATTTAGTTA
CCTGATATAAAATAGGAAAATATACTCAATTTTTATTAAAGAAAGCTGAAAATATGAC
ATCCCTCAATCTTATATAATATACAATATGCTAATAAATGCCATACATGTTAACAATACG
TGAAATGCTGCTGAGAGTTCCACAATCAGCTAATTCATGTCACCAGGCTAAGTAAATCTG
ACAATTTACCTCAATATGTCACCCTTTGTACCTGCCCGGGCGGCCGCTCTAGAACTAGT
GGATCCCCCGGGCT

>SEQUENCE:4660:prostate_MPM2000-004P4Novel007_8Table3

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTAACAAGCAGACCATGTGTAGA
CCACCCATCCTGAACCAAGATTCCTGGGCAAGGCTCTTAATTCATATGTTACTGAACAAA
AGCAAACTGCTCCACACATGGGCCACATAATATAGCCACTTGTTTATTTAAATTTTGA
CCTATGTGATAAATCCTGATGCTCAGTTGTCTAAAATGTCTTTGTAAGCATCTGAATAT
ACCTAATACTGAAATAAGAGTTTAAAAGCTGACAACACAATCCAAGTTTTACATTTATT
TACTCATAATTAACCTCAATAAACATACTAGATTTTACATTTAATATATGTTAAATGGCT
GAACAAAATATTTAGCGTAATTTTCTTTTTTTTTTGGAGG

>SEQUENCE:4661:prostate_MPM2000-004P4Novel007_8Table3

ACGACTACTATAGGGCGAATTGTGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGA
TGGATATCTGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACGATCTTGGCTCA
CTGCAACCTCTCCCTCCCGGGTTCAAGTGATTCTCGTGCCTCAGCCTCTTGAGTAGCTGG
GATTACAGGCGCGTGCCACTGCGTCCGGCTAATTTTTGTATTTTGTAGAGATGGGGTT
TCACCATGTTGGCCAGGCTGATCTCAAACCTCCTGACCTCATGTGGTCCACCCACCTTGGC
CTCCCAAAGTGCTGGGATTACAGGCGTGAGCCACCGCGCTCAGCCTACAAGCAATTTTTT
AAAACTGACACCTATTACTGATAAAATTCTCTGTTTAAATCCTATTTACTATTTTAA
GATAAGTATTAGTTTTTTTTTAAATACAATAATTCTGTTATTGATAAAATTTAAGGCATT
TTCATTGCCTTTTGCAGATTTACTCATAACTACCTAACAAGGAAAGAAGGTATAATTATT
TCAAATTGGATTATTTATTCTAAAATTAATTCTTCACTAATTTATTCTAAGATGAATTT
AATAGTCCATCAGGAAATTGGTTTTTA

>SEQUENCE:4662:prostate_MPM2000-004P4Novel007_8Table3

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TACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGGG
A

CCTAAGGAGTCGCAGTTGTGAACAGGTTAGAGTTACTTGTTATTGGTAAATAGCCACTAT
GGAGACTAAGGACCAGAAGAAACACAGAAAGAAAAACGGTGGACCCAAAGCTGCAAAGAA
AAAGAAGTGGCATCTGCAGGATCTCCAGCTAGGAGACTAAGAAAATGCCCAGAAGAGAAA
TGCCAATGCTTTTGCAGTTCAGTCTGCTGTGTGGATGTCTCGATCCTTTCACAGGACTCT
GGATTTGAAGACACAAAAGCATCATATTCCAGTGGTTGATGGAACCTCACTAGAGCCGCC
ACCAATACCGGTAGTGGTGACGGGGCCTTCAAAGTTGGAAAGAGCACTTTGATATAATGC
CTTATTCGGAACCTTCACCTG

>SEQUENCE:4663:prostate_MPM2000-004P4Novel007_8Table3

ATACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACG
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CACCCACCATACTCAGCTCCTTTCTGAAAGTGTCTCCCTTAGGCCTCTAGAAACGCC
ATGGACTTTAGGAAGGGCCAAGTGACACCTTCCATGATGTTTGGTTCTGGTCCAGATGGA
TCTGGAAGACAAAGATTTGGGGAGAGTGACCACATGGCTGGTAGCAATAACAAGGCCTCT
GGCTCTGAATTGCTTCCTATGGTCCCGGTAGAACTGCATAGTTCAGAGCCAAGGGGAGA
TGAGAAGCCTTAACGTGGAAGAGGGACAAGAGAGATGAATTGGTCCCTCTGCAACCCAAC
TCTTCAAAGTAAGAATGGTTGAGAGCAATAGTCACCAATTTCCCA

>SEQUENCE:4664:prostate_MPM2000-004P4Novel007_8Table3

ACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTCCG
G

GCAGGTACAGTGGTGCGATCTCAGCTCACTGCAAGCTCCGCCTCCTGGGTTCACGCCATT
CTCCTGCCTCAGCCTCCCGAGTAGCTGGGACTACAGGCATCTGCCACCACGCCTGGCTAA
TTTTTTTTTGTATTTTGTAGTAGAGACGGGATTTCACTGTATTAGCCAGGATGGTCTCAATC
TCCTGACCTCATGATCCACCTGCCTTGGCCTCCCAAAGTGCTGGGATTACAGGCATGAGC
CACTGCGCCCAGCCGAGTCATTTTTTAATACTACTGCATGTGAGTTAACACAATCATTCC
CAAATTGAAGTTTTAGATGGGCCCTTAAATTTTGAGGATATGGTTTTCTACAGGTTT
ATATTGAAAGTATGGGGT

>SEQUENCE:4665:prostate_MPM2000-004P4Novel007_8Table3

GTAATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTT
TTTTTTTTTTTTTTTTTTTTTTTTTAAACCCTCACAATTTAGTTCTGGGCTCTGTGCTTG
GGCTCTTGAAATTCGGTGGCAGTGGCCCGAATCCCATGCCCACTGTGACAGAGCAGGAG
CACCATCCTCTCGGACAAACACCGCCACTTTAAGTGCCAGCTCCCTTTCCAGCCTCATGC
ATTTCAAGAAAATCACTTCTTTTCTAACAACAAGCAGACAGAAAGAGCAGACAGTAAAC
ATAGATGAGACAGCTCAGGCACAGAGGGAGGTGGGGGGAAAGTCTCTTGGGTAATTGCCA
AACTTCACCCTCATACATTGGGCCCCAGTATAACAGTGGGCCTTAATAAGCACATTCTTT
CCCTTCAGGTGCACTAAGATAGGGAAGCTAAAAA

>SEQUENCE:4666:prostate_MPM2000-004P4Novel007_8Table3

TACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGT
GATGGATATCTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACATCCCAGCTGAT
TCAGTATTTCTTCTCTTTGAAAACCTCTCACAGAACTGCCCTATAACTTCTACTGACAT
CTCATCTCAATGGCTAGATCAGTGCTATATAACAAAACCTTTCTGCAGTGATAGAAATGTT
CTATATCTGAACATCCAAGATGTTAGCTACTAGCCACTTATGACTGTTTAGCATTAA
ATGTCACCTGTGGAACCTGACAAAATCAACTTTTAATTTTACTTGATTTTAATAAATTTAA
ATTTAAATAGATACATGTGTCTAGTGGCTACCACAATAAATAGTGCAGGGCTAGACCTTA
ATCACATCACTACCCCATCTGCAAGAAAAGCTGGAAAATGAAGGTTTGGAGCTAAACACG
TTGCTACCCTCCACAAAATTATGTTTTCTTAGTAAGGAAAAACAAACAAAATGAATAT
AGGCTGGGCAGATAACAGCCTCTGCAACCAAGGGATATTTGCTT

>SEQUENCE:4667:prostate_MPM2000-004P4Novel007_8Table3

CGTATACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGT
ACCGTCACTGCTGCTCCGCTAGGCTTGGTGGTGTGAGGATTTTCTTCTGTTCTATCGTG
GACTCTCTCTCCCTTTCTCTTTTTTTTTTATTATTTTCTCCATTTTACTCTGACATTA
TTGAGTGTCTCCCTCTAGTTCTCATCTTTCTCTGCCTTCACTGTGGGCAATGACTCTTTT
CCCTCCTACTTGTTGACTTTTTTCATCTCCAGCTTTTCTGCCTTCTGCTGAGTTCACTT
TATTTTAAATAGAGTTTCTCCCTGGTTCTTTTTTCTCCTCCTACTCTCCATGTTCT

>SEQUENCE:4668:prostate_MPM2000-004P4Novel007_8Table3

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ATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCTGCTGT
CCCCTCTCTGACTAGAAAACAGTTTCCCTAGATACCTGCATAGTTAGCCCCCTGAACTTA
TTTCAATTCTCTGCTCAAATGTCATGTAAATGGTGACATCTTCCCTGACCATCTTATATA
AAATAATACTTCCCTTTCCCTGATATTCTCTATCCACCTTATCCTGTTTGATTTTCTG
CACTGCCCCATCAACCATTGACATATAACATGTCTACTTGTATATATGTATTGTGTTT
CACCAGCATTGAAATGTGACTTTCACGAGGGTAGGGATTTTGTCTGTTTTATTTAATAC
TGTATCCCCAAGAATGCCTTGCATAAATTGGGACTAACAAATATTTATTGAATTGAATAA
ATGAATACATTTGGGAAGGCGCCAAGGAATCCTTGCCCCTGAAATTCATTTCTTCAGTCA
G

>SEQUENCE:4669:prostate_MPM2000-004P4Novel007_8Table3

CTATCGGGCGAATTGTAGCTCCACCGCGGTGGCGGCCGAGGTACCTTTTAGCTCTGCCTG
GTTTATCGCCTTGTCTCTCAGCCCCTGGCAGCCTCTCATCTACCCTCTGCTTCTGTGGG
TTTGCCGATTCCGGGCATTTTATGTAAATGGAATCGTATGATATGTGGTCTTTTGTGATC
ATCTTTTTTACACTTAGCATGATGTTTTTTCATGTATATTACGGTCCGGGTGTGGTGGCTCAC
ACCTGTAGTCCCAGCGCTTTGGGAGGCTGAGGTGGGCAGATTACTTGAGCTCAGGAGTTC
GAGAACAGCCTGGGCAACGTGGCAAGACCCTGTCTCAATTCTTTTAAATTGTAAAAAAA
AAAAATTTATAAAATTTTTCATCCTTATTGTATTATTTGTCAATACTTAAATTTCTTTATA
TTGCCCAACACACTAACTACTGGTGCACGTAATACA

>SEQUENCE:4670:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACCATGA
GAAATTGTAGACTTTACTCCTATATTCTCTTTCCAAGCCCTAGGATTAGCCATTTTCCA
AGAAATGTTGCATACCATTCTGCTATGAAAGGAACCAAACTCAAATCTTGATTCTGGGT
GTATTTTTTGTAAATTTGCTGTCTTTTCTTGTAGAACCTCTCAGGTAATGACTCTAGGAG
GTATGTGTTGTGTATTAACCCATATATACACACACATATAAACTTTTTATTTAATTTTA
TACCTATATTATGCTAACTTGGAATATATTGACACATCTGCCCTAAGTTAATACCACA
TGAATGTTTATTACCTACCTTCTATTCTGTCCCTAACCTCGCACTCCAACCGTGAGGAA
CCCCCTCCTGCCACACCCTGTCTATTCCCTTTGTA

>SEQUENCE:4671:prostate_MPM2000-004P4Novel007_8Table3

CTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGA
TATCTGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACTAAGGAAGGCTTTTAA
CTATTTAAGATAAACCAACCTAATTTTGATTTTTTACTTGCTTCAACGTGTTTCAGTTCA
TTAATGTTTCAATAATAAGGAATGAATTCTCTTGTCTTGACAAACCAAGCATGGAAATTT
CCCCATAAGAGAAAAGAAGAAATTAATGATTTCCATATTCAAGTCACAGCACGCTGAA
AAGAGAACTTTGAGTTCTTAGGAAAGGCATCTGTTACCTCCAAAGGAGGGCCACTCATT
CAGTTTTGTGTAATATTACAGTAAGGTCTGCCAAGAAGGAATTCAAGGAAATTGGGAATG
ACGACACTGTGATCCCAGGCCAC

>SEQUENCE:4672:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGCGGCCAGGTACTTTTT
TTTTTTTTTTTTTTTTTTTAGTAGAGATGGGGTTTCACTGTGTTAGCCAGGATGGTCTC
GATCTCCTGACCTCGTGATCCGCCCTCCTCGGCCTCCCAAAGTGCTGGGATTACAGGTGT
GAGCCACCGCGCCTGGCCAACCCTGCTCTTGAAATGTCTAAATCTTTTCTCACTAGCAT
ATACAATTCAAATGCACAGGCCTCCATGACTTCTTTGGAATTTAAAAGAAGCCTTCATTT
CAAGGATAGAAATATGTAAAAATTTACCAACCATGGCTAAGTTTGTATGGGAGTAGTGG
AAGGGACATGGAAAAAAA

>SEQUENCE:4673:prostate_MPM2000-004P4Novel007_8Table3

GACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATG
GATATCTGCAGAATTCGCCCTTTGAGCGGCCGCCCGGGCAGGTACGATCTTGGCTCACTGC
AACCTCTCCCTCCCGGGTTCAAGTGATTCTCGTGCTCAGCCTCTTGAGTAGCTGGGATT
ACAGGCGCGTGCCACTGCGTCCGGCTAATTTTTGTATTTTTAGTAGAGATGGGGTTTTCAC
CATGTTGGCCAGGCTGATCTCAAACCTCCTGACCTCATGTGGTCCACCCACCTTGGCCTCC
CAAAGTGCTGGGATTACAGGCGTGAGCCACCGCGCTCAGCCTACAAGCAATTTTTTAAAA
ACTGACACCTATTACTGATAAAATTCTCTGTTTAAATCCTATTTACTATTTTAAAGATA
AGTATTAGTTTTTTTTTAAATACAATAATTCTGTTATTGATAAAATTTAA

>SEQUENCE:4674:prostate_MPM2000-004P4Novel007_8Table3

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTCTTCAGATGCTTT
GTTCTGTTTAGAACAAAAATGCACTATAGTTTTTAAAGAATCATGCATCTTGGGTTGGC

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CCAGGATCAAATTTGATATTGAATAATTTATTCCAGGGCAGCTTTCATAAACATACTTCA
TAGATGTTGTTTTGAAATGTTTCTAAATATCTAAAATCATTTC AACAGCAGAAATGATTT
TTATTTTAACAAAAGATTATGATAGCCCTTGTAGTGTTTAAAAGTGGTCATATTTATTAC
TGACTTTGAGTCAGGTGTTAAAATAGCAGTGCCACAGCTCGTCTCTTGCCTTAGTGTGCT
GCTGTGAGAGTCACAGTGGAAACTGCAGGGAGGAGGTGTGTTCCCTAAGAACCAAAATCCA
GCACAGCATTCTGTGAAGCCACGTGTAATGAT

>SEQUENCE:4675:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATGTTCCGCATG
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TCGTGTGCACCTAATTGTGTGGCTGAAGTGGTGAAGTCTTGTGAGAGAGGACACAAAATTATC
ATCAGCTCCAGTCGGAGAATCCAGAAAGGAGAAGAGCTCTGCTATGACTATAAGTTTGAC
TTTGAAGATGACCAGCACAAGATTCCGTGTCACTGTGGAGCTGTGAACTGCCGGAAGTGG
ATGAACTGAAATGCATTCTTGTAGCTCAGCGGGCGGCTTGTCCCTAGGAAGAGGCGAT
TCAACACACCATTTGGAATTTTGCAGACAGAAAGAGATTTTGTCTTCTGTTTATGACTT
TA

>SEQUENCE:4676:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTT
TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTCCAATTTTGCAGAGATGGGATCTTA
ACATTTTGCCCAAGCTGGTCTTGACCTCCTGGGCTCAAGCAATCCTCATACTCAGCCTC
CCAAAGTGCTGAAATAACAGGCGTGAGCCGGCACACCCAGCCAGACTATTCAGACATGT
AAATATTTGACACTTTTGTGGAATAAAGGCTGAATATGGTATTTTCTACACTGATTAAA
TCTCCAGGAACTGGTTCCTAAAAAAGGTAAGTGAATGTTCTCGACTAATGGAGTTTAT
GATGCTGAAAGTTCAAGACAAACTCATTTAAGCCATAAAAGCCTATCAATAACATTTTT
G

>SEQUENCE:4678:prostate_MPM2000-004P4Novel007_8Table3

TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAATAGTCG
TGAAGTGAATAATTAAACTTTGGCTTCTCTTAGGAAAAGACTACTTCCTAGTCATAGGT
GTCCTATGGGGAAATTTATTTTTTTAATGTCCTGATCCTTAATGCTGCAAATTATCAGT
ATTCATAAAGTAACTGATTTTGCACCACTTTTTGTTACTGTGACCACGGTATAACAAT
GTACTTCTAGACTATATCTATGTAAAGTTATTATAATGGTATCTG

>SEQUENCE:4679:prostate_MPM2000-004P4Novel007_8Table3

CACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGGGAG
C
TAGCCTGGCACCTGGACTCTGCCCATCCACAGCTGACAGATTCCAACAGAAGTGTATTTA
AATTCTCCAGTAGACAATGCTGGGTAAAGGGAGGGGGTAGGGCTGGGTATTAAAGATTCAG
GC

>SEQUENCE:4680:prostate_MPM2000-004P4Novel007_8Table3

ATACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGCAG
CATCTTCAAGAGATGGACAGTGGACAGGAGCCAACAGTTGGAAGTCAGATTCAGAGAGTA
GTGAGCATGGCTGCCTTGGCCATGGTGTGTGAGGCCATAGACCAAACCTGAGCTGCAGCT
GGACTCTTTCATGCCTGGCCCTTGGAAGCTTCTTCTCTTCTCAGCTCAATCAGACG
CTGCAGAAGCCCCACGCAGAGGAGCAGAGCAGTTATGCTCACCCCTTGGAGTGCAGCAGT
GTTTTGGAAGAATCGTCATCTTCCCAAGGATGGGGAAAAATAGTTGCACAATATATTCAT
GATCAATGGGTGTGCCTCTCTTCTCTGTTGAAAAAATATCACACCCTTATACCAACCACA
GGGAGTGAAATTCTGGAACCGTTTCTACCTGCC

>SEQUENCE:4681:prostate_MPM2000-004P4Novel007_8Table3

CGACTCCTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTT
TTTTTTTTTTTTTTTTTTGCTTCCCTGCTGTTTCATGAGCTCTAGAAAGCTGTAGAAGT
ATTGCTTACATTTTACCAACATCTAGGTGTTCTTATTCTTTGGGCTCTAAAGCTTTTT
TTTTGTCTGGGGGGGG

>SEQUENCE:4682:prostate_MPM2000-004P4Novel007_8Table3

TACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGTTACAAGTGCTTG
TATAGACAAATGTATTAATTTCACTTGTATAAATACCTAAGAGTGGAATGGTGGAAATCAG
AAGGTAGGTATATGTTTAATGTTTTAGAACTGCCAGCTATTTTCCAAGTTAGTTGTAT
AATTTTTCATTCCTACTAACCATGTATGAAAGCACCTGTTGCTCCACCTCCTTGTCCACA
CTTGGTATGATCAGTTTTTAATTTTAGCTATTCTAACAGTTGTGCAGTGGCATCTCATTG

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TGGTTTTAACTTATATTTCCCTAATGACTAATGATATTGGGCACCTTTTTTAATGTGCTTA
TTGTCTACTTCTGAGTAAATACAAAGTGTTTTGCTAAACTATTGTGGGGGCTGTATTGG
GATGATCTATTCATG

>SEQUENCE:4683:prostate_MPM2000-004P4Novel007_8Table3

CGTAATACACTACTATAGGGCGAATAGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGG
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GGAACAACCTTTACTCAGAAGACGTATTTGAGCAAAGACATGAAAGAGGTGAATAAAGCAT
GTGGATATCTAGAGACAGAGCATTCCAGACAGAAGGAACAGCAACTGTAAATAGCAGGGG
CAGAGTGTGCCTGCCACTGGTCAGGGCAGAGAGTGTGAGGAAACAAAGGTAAAGAAGTAA
AATTTTTTCCAGCTATCCTGTTTCTAAGTTCCAAAAGCTATTTTTTCTTTTGAATATTTT
ATTTTATAGGACTTATTCTCATCTTTTGATGAAATACCTTCCCTCATGTCTCCCAGGGAC
TGGTATCTTTTTAAGTTTTCTTCAGTTCCCTG

>SEQUENCE:4684:prostate_MPM2000-004P4Novel007_8Table3

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACTTCAA
ATTCCTCACTTTCCAGTGGTTCAAAGCACCACATCAGATGACTGGCTCCCCCAGGATT
CAAAGAAGGCTGCATCGATGCTCCTTCTACTCTTGCCACACAGGCGACCCGATCCAAGAA
AGTC.ACTGCCACAAGGACCCGCCACAAAGAAGCCTTTACAAAAGGCCTTGATGTATCTTT
TCACCCACCTTGTGACTGTGCCATACCCTTTCTCCCGCTCTTCCTCGGTGAGAAGGGGT
AAAGTGGTTATTTTGTGCCCTCGCCCAATTTGGCCAAAACCCCGCTGCGCAGCTCAGCCC
GGGGGAAAGTCCCCGCGGCAGACCCCCCCCCGCGTACCTTGGCCGCTCTAGAACTAATGGG
ATCCCCCGGGCT

>SEQUENCE:4685:prostate_MPM2000-004P4Novel007_8Table3

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACCGTCCA
TGGCCTGTTAGGCTGCACAACAGGTGGTGAGCAGCGGGCCAGCAGGCATTACCACCTGAA
CTCCATCCACCTCCTGTCAGACCAGCAGTGGCATTAGATTCTCATAGAGCACAAACCCTA
TTGTGAACTGCGCCATGCAAGGGATCTAGGTTGTATGCTGCTTATGAAAATACAATGCCT
GATTATCTGAGGTGGAACAGTTTCATCCCAAAGCCATCCTCCAGCCCCCAGCCAGTCCA
TGAAAACACTGCCTTCCACAAAGCTGGTCCCTGGTGCCAAAAGGTTGGGGACTACTGTAC
TCTATAAATCTAGTGGAACATTTCTGCTCAAACCTAGATTCTGGACACCAGTGTGCGGAA
ATGCT

>SEQUENCE:4686:prostate_MPM2000-004P4Novel007_8Table3

TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACT
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TCCATAACATAAAAGTGCAAGAAGCGGCAGCAAATGCTGATGGAGAACTGCAACAAGTT
GTCCACAAGGGGTAGCTTAAATAATTAAGGGTGACTACAATAAACACAGATTTTCAAT
ACAGGGGAAACAGCCTTCTATTGGAAGATTCCACCTAGGGCTTTCATAGTTAGACAGAAG
TTGATGCCTGGCTTCAAAGCTTCAAAGGACAATCTTACTCTCTTGTAGAGGCTAATGCA
GCCCGTAGCTTTAAGTTAAGGCCAATGCTCATTTACCATTCCGAAAATTCTAGGGCCCCG
TAGGAA

>SEQUENCE:4687:prostate_MPM2000-004P4Novel007_8Table3

ATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGT
TTCAGCGCCTGCAGGTTCCGGGAGGTCAGCTCCCAGCCGAGGACGTGCGATGTCATCGTC
CTTGCTGCTTTGCCACCCCATTCCTGTCAATAAAGTGGTTTGAACCCAAAAA
AAAAGTACCTGCCCGGGCGGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATT
CGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGCCCGGTACCCAGCTTTTGT
CCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTATAAGCTGTTTCCTGTGT
GAAATTGTTATCCGCTCACAATTCCACACAACATACGAGCCGGGAGCATAAAGTGTAAG
CCTGGGGT

>SEQUENCE:4688:prostate_MPM2000-004P4Novel007_8Table3

CGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTCTTG
AACTCCTCACCTCGGGTGATCCACCCATCTCGGCCTCCCAAAGTGCTGAGATTACAGGCG
TGAGCCACCACGCCCGGCCAGAGATCCACATCTATATTTATNCACATTTATGGATGAAAA
TTAAACAGGTGTCCGGGTGCGGTTACTCATGCCTGTAATCCGAGCACTTGTGGAGGCCGA
GGCAGGCGGATTACTTGAGGTCAGGACTTCGAGGCCAGCCTGGCCAACATGGTGAAATCC
CATCTCTGCTAGAAATACAGAATTGGCCGGGTGTGGTGTCAACGCACCTGTAGTCCAGT
TACTTGAACCTGGGAGGCAGAGGTTGCAGTGAGCCGAGATTGCAACACTGCCACTCCAGC

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CGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGA
TA

>SEQUENCE:4694:prostate_MPM2000-004P4Novel007_8Table3

GCGCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTA
CTTCAATGGTGGAAAGAGGCATCAATGATTAACCATAATCATTCTGATCATGACCAAGT
CACCCCTGAGACTAGTAACTGCAGGTGCTCACAAAAAATATGCAGCTGTCCTTCCTGCC
TTCAGGGGATCATTATGAAAGTAATTTCTCACCTGACCAAAATGATCGCTTAACATTTA
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TAAAGGGCCAAAAGATCTGTTTTCTTCAGATATTAGAGACACAAACCAAGCATCTCCCAC
TTTCTTGGAATTCCTTCTCAAAAATGACTAAAGTCTGAGACTGTTTTCTTATTTAATGTC
TATTGAATTCTGTTTTACAGAATTTCAAAGAGCAGGTTCTTAGCTTACTTTTCAATGGA
ACATTTTAGCCAGGTAGTATAAGTACCTGCCCGGGCGGCCGCTCTAGAACTAGTGGATCC
CCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGG

>SEQUENCE:4695:prostate_MPM2000-004P4Novel007_8Table3

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GATGGTCTTGATCTCCTGGCCTCGTGATCCGCCCGCCTCGGCCTCCCAAAGTGCTGGGAT
TACAGGCGTGAGCCATCGTGCTGGCCGCTGCTTGGTTTTAAATGAATCTTGGATACAGG
TGGCCAGACTAAATGGTCTCTCAACTTGTCTTCAAGTTTAGGATTTTAATTTTTGATATT
TTTCACTTCTCTCTGGAAATTTGTTCAATTCTCAATTGTTGGGGGAGTGCGCAGCTGCTT
CATTATGAGTTTACTGGCTGATAATCAAATAAATATAGAAAATATAATTGGGTCATGTAG
CTATCGCTAACCAGTTTTAAAAAATATGTACCTCGGCCGCTCTAGAACTAGTGGATCCCC
CGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCGG
TACC

>SEQUENCE:4696:prostate_MPM2000-004P4Novel007_8Table3

GTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTA
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CCAGGCTGGTCTCGAACTCCTGACCTCAGGTGATCCACCCACCTCGGCCTCCCAAAGCGC
TGGGATTACAGGCATGGGCCACTGCGCCAGCCTCTTTACTGTTTCAATCAGTGGGGCTTG
GGGATGGAGCAAACAAAAACAAAAACTGCATGTGTTCAAGGCTGCCACTTTTACCTGGATG
CCTACACTCCCCATGTGACAGATTAGTCCCAAATCCCATTTGGTCCCTCCCCAGTAGTTC
AGCCTCTAGTCCTTCAACTTCATCTCATAAGAGCTCTCCTGCTCCTGGTCCCTTCATTTGC
CAAGGTTCTCATAACCACACAGGTGCTCCAGACATGGCCAGACCAGCCAGGGCATGAACA
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>SEQUENCE:4697:prostate_MPM2000-004P4Novel007_8Table3

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TATATATACAGAGGCTGGAGGAGGCAGTGTCTGATTTGCACAGGCTCAGGGGATTGGTTT
GACTAGGCATGTCATTCACGTAGCCCGCAGGAAAAGCTGGCTCTCCCACCCTAGCCTTTT
AATATGCAAATGCAGGGCACCATGATCTTCTACACAGGTGGGGATACTTCGGGGTGTCCA
TGTATCCAGGAATGTGGGGAAAGGGCAAGAAGTCCACAGGAATCGCCATGTTTGGGTGGA
CCCACTTTCTAATGGCTGGCATTGATATCGGGTAACTGGCCTGGCTTTAAGAGCTGGA
GCTTTACAAGAACTTTTCCAGACGTGCTTTAAAAACAAAAACTTCCTAAGGACCCCTT
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>SEQUENCE:4698:prostate_MPM2000-004P4Novel007_8Table3

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GGTATTGTCAGTCTTTTTAAATTTAGCCATTGATTAGATGTGTATTTGTATCTCATTATG
ATTTTAATTTGTGTTTTACTGATGGATGATGTTGAGTATCTTTTCATGGGCTTATTGACC
AAAAATGAGTGAGACTCCATCCCCAAAAAATAAAAAATGTGCGCGG
GGCTCTTCTGCTCTCCATCATGGCGCAGGATCAAGGTGAAAAGGAGAACCCCATGCGGG
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>SEQUENCE:4699:prostate_MPM2000-004P4Novel007_8Table3

Table 7
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GCCAAGCCAGAGTGCACGATGTCTTTCTCAGATGCACCCGATATCCTGTCTTGGAAGTCT
GCCGTGGGTACCCAGGGGTCTGAAAATCTCTCATTTAGTAGTCGATAGCAAAATTGTTCA
TCAGCATTCTTAATATGATCTTGCTATAATTAGATTTTCTCCATTAGAGTTCATACAG
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>SEQUENCE:4700:prostate_MPM2000-004P4Novel007_8Table3

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ACGAGGAAAACAGAAACAAGCCGCAGCAACATCTAAGCCCTTGAAAGGATCCTGAGAGAG
GGGGGAAAGGGAAAACAGCAGCCTCCAGCCCATCCACTTGTGTCTTCTGCCCCCTTCCCAC
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CGGGACGTACATA

>SEQUENCE:4701:prostate_MPM2000-004P4Novel007_8Table3

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AAATATATCTGTGCAGGATAGAAATCCTGCCAGAGGCTGTTTCTGTCTCATTTGAGCTC
TCCTTCATGTGGCAGAGCTGGCTGTGGCGTTTAGGAGCCTACATTTTAGAAAAGCTTACC
TCAAAGTTCTGCATTGAGCCTGAGACTGGAAAGGAGATACAATAAAACAGCTGACAGGAG
CTTTGGTAGTCACACATGCCTGATGGGGTGCACAGGGCCACAGTCTCTGAAAGGCAATTT
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TTTCCTACATATAAACCTGTATGCATACAAAATGATAGA

>SEQUENCE:4702:prostate_MPM2000-004P4Novel007_8Table3

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CTTATGCTCAGTGAGCTGAGACTTCTTGAGGAAAGCTTTCCCACAGTCAGTGCATTCATG
GGCTTTCTCTATGTTGTGTGTTTGCTGATGTTTAAGGAATTGTGACTTGGTGCTGATGGG
TTTTCTACTTTCAGGGAATTCAATTTCCGTAGGCATTTGTTTATGATTATCATGGAGAAA
AGCTCCATCTCCATTAACTCAGCAGGCTCCTTTCTGTTGTATCTTCTGCTCTGGTTGGT
TAAACCTAAATATGATTTCAAAGTTCTTCCGTGTTTATAGCGTTGTCCCGTCCTCTTCAG
TATTTTTTGGTTTTGCAAGGGCTGCTGCAGATGATCATCAGCTTTCTCAATTTCTGGGTG
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>SEQUENCE:4703:prostate_MPM2000-004P4Novel007_8Table3

GCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACGCGGGGATGCAGTAATCAGAAA
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ATCACGTAAGGGCTGGGGAGGACATACATACTTAAGTGGGTAAACTGAGGTTAGGGACAT
AGGGAGCTTGACTGTGATTCCAAGTATGTGGTAAGCTCACAACCCCCAAGATTATCTTAT
GCTCTAAACGGTCTTGTTCATGCGCTTTTCAAGAGTCACATTAGAATCTGCCTACTAAGAC
CATATCTAGTGGCTGGGCTGATTTTTAATGGAGCACTTCCCCTTGTCATGTTTTGACACTA
TATATCCAATTCTTAAGATTCTTTGTCTTTCAAACTTCATGTGCTGTATTGAACTTTT
CATTTTCTCAGATTAAAGGAGGTCTTTTAAACAATTAGCATACTTGC

>SEQUENCE:4704:prostate_MPM2000-004P4Novel007_8Table3

GCGCGTATACGACTTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGCCCCGGG
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TCAAAATCTGCAGATGCTCAAGTCCCTGATATAAAATTTGCATATAACCTACCTACATAT
TCCTGTATACTTTTAAAA

>SEQUENCE:4705:prostate_MPM2000-004P4Novel007_8Table3

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TAAAACAGACAATGGGCCAGGTTACTGTAGTAAAGCATTTCAAAAATTCTTAAATCAGTG
GAAAATTACACATACAATAGGAATTCTCTATAATTCCCAAGGACAGGCCATAATTGAAAG
AACTAATAGAACTCAAAGCTCAATTGGTTAAACAAAAAAGGAAAAGACAGGAGTATA
AACTCCCCAGATGCAACTTAATCTAGCACTCTATACTTTAAATGTTTTAAACATTTATA

Table 7
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GAAATCAGACCACTACCTCTGCAGAACAACATCTTACTGGTAAAAGGAACAGCCCATG
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TAACGTGGGG

>SEQUENCE:4706:prostate_MPM2000-004P4Novel007_8Table3

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GCCTCTTGAGTAGCTGGGATTACAGGCGCGTGCCACTGCGTCCGGCTAATTTTTGTATTT
TTAGTAGAGATGGGGTTTCACCATGTTGGCCAGGCTGATCTCAAACCTCCTGACCTCATGT
GGTCCACCCACCTTGGCCTCCCAAAGTGCTGGGATTACAGGCGTGAGCCACCGCGCTCAG
CCTACAAGCAATTTTTTAAAACTGACACCTATTACTGATAAAATTCTCTGTTTAAATC
CTATTTACTATTTTAAAGATAAGTATTAGTTTTTTTTTTTAAATACAATAATTCTGTTATT
GATAAAATTTAAGGCATTTTCATTGCCTTTTGCAGATTTACTCATAACTACCTAACAAGG
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>SEQUENCE:4707:prostate_MPM2000-004P4Novel007_8Table3

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TTGAAACCAAGTTGAAAAATAGCATATGCCTTGGAGGAAATGTGCTCAAATTACTAATGA
TTTAGTGTTGTCCCTACTTTCTCTCTCTTTTTTCTTTCTTTTTTTTTTATTATGGTTAGC
TGTCACATACAACTTTTTTTTTTTGAGATGGGGTCTCGCTCTGTCAACCAGGCTGGAGTGC
AGTGGCGCGATCTCGGCTCACTGCAACCTCCACATCCCATGTTGAAGTAATTCTTCTGCC
TCAACCTCCCGAGTAGCTGGGACTAGAGGAACGTGCCACCATGACTGGCTAATTTTCTGT
ATTTTTTAGTAGAGACAGAGTTTCACCATGTTGGCCAGGATGGTCTCGATCTCCTG

>SEQUENCE:4708:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTAAATCATCT
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ATTGTTTGGAGAATAATGACAAGAAAAAAATCTCTGTATGTTCAATACAGATGCTTTTT
TCTTCTTGAATATTTCTATCCACAGTTGGTTGAATCCATGGGTGCAGAACCCACAGATA
CAGAGGGGAGAACTGTAAGGAGATTTGAGAAGTTTCTTCAAAAAGTTCCTTCAGAAAGTGA
CACTTGAGCTGGGGTTTAAAGTATAAGATAATGTCAAAGAAGGGAGGGAAGAGGATTTAT
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>SEQUENCE:4709:prostate_MPM2000-004P4Novel007_8Table3

GCGTAATACGACTACTATAGGGCGAATTGGAGATCCACCGCGGTGGCGGCCGCCCCGGGCA
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GCCTCTTGAGTAGCTGGGATTACAGGCGCGTGCCACTGCGTCCGGCTAATTTTTGTATTT
TTAGTAGAGATGGGGTTTCACCATGTTGGCCAGGCTGATCTCAAACCTCCTGACCTCATGT
GGTCCACCCACCTTGGCCTCCCAAAGTGCTGGGATTACAGGCGTGAGCCACCGCGCTCAG
CCTACAAGCAATTTTTTAAAACTGACACCTATTACTGATAAAATTCTCTGTTTAAATC
CTATTTACTATTTTAAAGATAAGTATTAGTTTTTTTTTTTAAATACAATAATTCTGTTATT
GATAAAATTTAAGGCATTTTCATTGCCTTTTGCAGATTTACTCATAACTACCTAACAAGG
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>SEQUENCE:4710:prostate_MPM2000-004P4Novel007_8Table3

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CATTAAGTTTTCGGAGTCTACATTGCCTTTAAGAACTATGACTTGTAGTAAGCCGGGCG
CGGTGGCTCACGCCTGTAATCCCAACACTTTGGGAGGCCAAGGTGGGTGGATCACAAGGT
CAGGAGTTCAAGACCAGCCTGGCCAATATGGTGAAAGTCCGTCTCTACTAAAATTACAAA
AATTAGCCGGGCGTGGTGGCAGATCCCTTGTAGTCCCAGCTACTCGGGAGGCTGAGGCAG
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CCAGCCTGGGTGACAG

>SEQUENCE:4711:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAAGGTACTTTTT
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Table 7
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GATTACAGGCATAAGCCATCGTGCCCCGGCCCTTTTGGAAATTTTGTATTACTGACCCATA
CTCTGCTCCTTGGCTATAAATTCCCACCTTGCTTATGCTGATATTTGGAGTTAAGTCCATT
CACCTCTACCACTGCAAAATCCCATTACATTTGTCTATATACCTGTCATAATGGCCCTG
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>SEQUENCE:4712:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACTTTTT
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GTAGCTGAGATTACAGGCACATGCCACCATGACCAGCTAATTTCTGTATTTTAGTAGAG
ACGGGGTTTCACCACGTTGGTCAGGCTGGTCTCAAGCTTCTGACCTCAGGTGATCCACCC
ACCTCAGCCTCCCAAAGTGCTGGGATTACAGGTGTGAGCCATAGCACCCGGCCAGAATAT
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>SEQUENCE:4713:prostate_MPM2000-004P4Novel007_8Table3

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CGGGAAAAATGTAATTTATTTTCATGCAAAGCTACATTTTTCCTATTTTAAACAGCTAA
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TGCAGGTCAATCATTTTTTTAAAACCAAACCTGGGCGAACCCTTTGCATAAATAAGGCCAA
AGTTACTAATTTGCTTAAAGGGAGCACTTTGCAGTTTTTTCCAAGAACCTGCCCGGGGGG
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>SEQUENCE:4714:prostate_MPM2000-004P4Novel007_8Table3

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ATCACTTTACTCTACCCATTTCTTGAAATGTCCCCAGTTTCCAGCTTCTTAATGCTGTT
TACTCCTGTGCGTTCTCAATCTCTCTCCAGGAGGTAGAATCTAGTATAATCTAGGCACT
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CTGCAGTCTTTTTCAGAAGGTTTATTCTTCAAGGGACAGGAAC

>SEQUENCE:4715:prostate_MPM2000-004P4Novel007_8Table3

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CCCGGACTCAAGCAACCTTTCTGCCTCGGCCTCCCAAATGCTAGGATTATAGGCATAAG
CCACTGTGCCTGTCCAAAACCTTTATTTTAAATGACAAAACCTATTTTCTATAGCTCTGC
TTGGAATGCTGTATTTATCCTAAGCACCAGTTTTGGCCCTAGCTGGCCTGTATACAGCTT
TAGGTAGGCTCTTGATCTAGTTTTGCTATAGGCAGGGTAGATCTCAGTATTTTCATATTT
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>SEQUENCE:4716:prostate_MPM2000-004P4Novel007_8Table3

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CACTGCAACCTCCACCTCCCAGATTCAAGCAATTCTCCTGTCTCAGCCTCCCAGGTAGCT
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TTTCACCATATTGGTCAGGCTGGTCTCGAATTCCCGACCTCAGGTGATCCACCCACCTCG
GCCTCCCAAAGTGCTGGGATTACAAGTGTGAGCCACTAGGCCCGACCCAATTCTTTAAAC
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>SEQUENCE:4717:prostate_MPM2000-004P4Novel007_8Table3

ACTACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACCA
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AATATCCACCTCCAGCGCTGCTCATTCTGCCTAAGGATCCCTTGCTGGCCACGCCAAAG
GCCACCATCCACACCGCAAAGAGGAACAGGAAGAAGAACACATCGATCAGCATCCTCTGC
AGCATTATAATCTTGGGTCCTAAGTTTCTGCTTACAGAAAAAATGTGGATCAATCTTAGA
GTGAAAATAATGTAGTCCAGACAGAAAATGACTCGTCCAGAATACAAAGAGCTTTTATTA

Table 7
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>SEQUENCE:4718:prostate_MPM2000-004P4Novel007_8Table3
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TATTGAGCAGAGTTGGGGAAGTCCCAAAGTAACAAAAGATGGTGTGACTGTTGCAAAGCC
AATTGACTTAAAAGATAAATACAAAAACATTGGAGCTAACTTGTTCAGATGTTGCCAA
TAACACAAATGAAGAAGCTGGGGATGGCACTACCACTGCTACTGTACCTCGGCCGCGCTC
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>SEQUENCE:4719:prostate_MPM2000-004P4Novel007_8Table3
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GCTGTGATCATGGCACTGCACTCCAGCCTGGGCGGTAAAAGTGAGATCCTGTCTCAAAAA
AAATAAATTACAAAGGACTCATATATATTAATTTTGTATAATTCCTCTAAAGGAATTATT
CAAAGATCTCAAAATATTTCACTGATATTTAAGTCTGTAAAGTTTCCATTTTCATACGGTG
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AGGCTGGTCTTCGAATTAGGTCACCAAAATATGCAGTGATTGTCTTCAATTTGTTGTTAA
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A
>SEQUENCE:4720:prostate_MPM2000-004P4Novel007_8Table3
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CCTTCTGCTGGTGCAGCTTGCACACAATGCCTGAGTGAGATGGGGTGGAACTGCCCACTTCA
GAGCTCCCTGCCGGTTGCTGAAGCCAGGACTACATTTCAAGTGAGATTGCTCCCTTAGCCC
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>SEQUENCE:4721:prostate_MPM2000-004P4Novel007_8Table3
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TTAAAATCAGCTTGGATTAAACCCGCAAGTCACATCTACCAGAACTGCAGCTATTTCAAG
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TTTCCCCACCCCAACGTATTTCTTCTACTGTCAAAACCCACATTTCTCATACATATGAAT
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>SEQUENCE:4722:prostate_MPM2000-004P4Novel007_8Table3
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AACTCCTGGCCTCAAGCGATCCTCCCATCCCAGCCTCCCAAAGTGCTGGGATTACAGACC
TGAGCCACCACACCTGGGCAACAGAGTGAAACCTGTCCCTGTTTTCTGCTCTTACTCTC
ACCTCCGAGGCCTCCTCTGCCTGGAAGAGATTACAGGGAAATTCCAGGCAGCCCTTGTC
ATTGTTTTTATGAATTCTTTACCTGTTCTTTTAAAGACAAGGAACTGAGGCCCAAAGT
TCTAAGTTGTTTGGCAAATGGAGTCTCCTGCCCTCAGCTCCTGCAAGGACCTGGGGGACC
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>SEQUENCE:4723:prostate_MPM2000-004P4Novel007_8Table3
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GTTAAATATTGTCCCTTGAAGACCACACATTCTGTATGTCACTCCTGGCTACAGTAACTC

Table 7
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AGTTGGTTTGCATCCTTAGGGAGGTGCTGTGTCTGAAGTGAAAATGTGATGACCCATCCG
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>SEQUENCE:4724:prostate_MPM2000-004P4Novel007_8Table3

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ATACAAGATGCTAGTTTCAATTTGAATATTTCTCCCAACTTATCCAAGGATCTCCAGCTCTA
ACAAAATGGTTTATTTTTATTTAAATGTCAATAGTTGTTTTTAAAATCCAAATCAGAGG
TGCAGGCCACCAGTTAAATGCCGTCTATCAGGTTTTGTGCCTTAAGAGACTACAGAGTCA
AAGCTCATTTTTAAAGGAGTAGGACAAAGTTGTCACAGGTTTTTGTGTTGTTTTTATTG
CCCCCAAATTACATGTTAATTTCCATTTATATCAGGGATTCTATTTACTTGAAGACTGT
GAAGTTGCCATTTTGTCTCATTGTTTTCTTTGACATAACTAGGATCCATTATTTCCCTG
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>SEQUENCE:4725:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCAGGTACCAATATGCATTC
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ATGATAGGCTGGGCACGGTGGCTCATGCCTGTAATCCCAGCACCTTGGGAGGCCAAGGCA
GGTGGATTACCAAGGTCAGGAGTTCGAGACCAGCCTGGCCAACATGGTGAAACCCCGTC
TCTACTAAAAATACAAAAAATTAGCTGGATGTGGTGGTGGGCACCTGTAATCCCAGCTA
CTCGGGAGGCTGAGGCAGGAGAATCACTTGAACCCAGGAGGCGGAGGTTGGAGTGAGCC
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>SEQUENCE:4726:prostate_MPM2000-004P4Novel007_8Table3

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AGCGGATCTTGAGGAGATCGAGAGCACCGACACCGCCTGTGTGGGGCCACCCCTCCGGT
CTGTGTATGATGACCAACCAAATGCGCACAAGAAGTTTATGGAAAAGTTAGATGCTTGTA
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ATGCTATTACAGAACTCCTTAAAGTAAGGACTGATGCAAAAAAACTGAAGGTGCAAGTTA
CTGATACCAACCGAAGGTTTCAAGATGCTGGAAAAGAGGTGATAGTCCACACAGAAGATA
TCATTGATGTAGAATTACAGCAGAGAAATATTACAACCTGTAGTAGAAAAATTGCAGTTAT
GCCTTCCTGTGCTAGAAATGTACCTCGGCGCTCTAGAACTAGTGGATCCCCCGGGCTGC
AGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAAGGGGGGCGCGGTACCCAGC
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>SEQUENCE:4727:prostate_MPM2000-004P4Novel007_8Table3

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GAAAAAGTATCTCAATGTCCTGAATGTGGGAAAACCTTTAGCCGAAGTTCTTATCTTGTT
CGGCATCAAAGAATCCACACAGGCGAGAAGCCTCACAGTGCAGTGAGTGCGGGAAGGGC
TTTAGTGAGCGCTCCAACCTCACTGCCACCTACGAACTCACACAGGGGAGAGGCCCTAT
CAGTGTGGGCAATGTGGGAAAAGCTTCAACCAGAGTTCCAGCCTCATTGTCCACCAGAGG
ACCCATACTGGGGAAAAGCCTTACCAGTGCAATTGTCTGTGGAAAGAGATTCAACAACAGT
TCCCAGTTCAGTGCTCACCGGCGCATCCACACTGGGGAGAGCCCATACAAGTGTGCAGTG
TGTGGGAAAATCTTCAACAATAGCTCCCACCTCAGTGCCACCGAAAAACCCACACTGGT
GAAAAGCCTTACAGGTGTTCTCACTGTGAGAGAGGCTTCACTAAGAACTCTGCCCTCACC
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>SEQUENCE:4729:prostate_MPM2000-004P4Novel007_8Table3

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TAGACTATTTTACCCCAAATTGTATTTATTAATTTGGCTATCCCATTTGAAAAACAAA
TTGATCTTAGCATGGTGGCTAGCTTGAGGCAGTCTTTACTGAGCCAGTATAATTTTAGCT
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Table 7
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TAACTCGTGAATTCTCTTTATTATCTATTCTAAGGGCTTGAGGATATCATGTTATCCCTG
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>SEQUENCE:4730:prostate_MPM2000-004P4Novel007_8Table3

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTTTTTTTTTGTAA
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TGGCTCACTGCAGCCTCGACTTCCCAGGCTGAAGTGATCCTCCCGTCTCAGCTTGAGAGT
AGCTGGAACACAGGTGTGTGCCACCATGCCAGCTAGTTTTTAACTTCTTGTAGAGAT
GGGGTCTTGTCATGTTGCCAGGCTGGTCTTGAACCTCTGGGCTCAAACGATCCTCCTGC
CTTGGCCTATCAAAGTGCTGGGATTACAGGCGTGAGCCACTGTGCTACACCAAATGTTGA
CAAGGCTGTGTGCAACCTGAATTGTCATACATTTGTGGTGAAAGGATAAAATGATACAAT
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>SEQUENCE:4731:prostate_MPM2000-004P4Novel007_8Table3

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CCCTTTAAAGGTAGTTTGTAAAATCAGGTAAGTTTATTTATAATTTGCTTTCATTTATT
TCACTGCAAATTATATTTTGGATATATATATATATATTGTGCTTCCTCTGCCTGTCTTAC
AGCAATTTGCCTTGCAGAGTTCTAGGAAAAAGGTGGCATGTGTTTTTACTTTCAAATATT
TAAATTTCCATCATTCTAACAAAATCAATTTTTCAGAGTAATGATTCTCACTGTGGAGTC
ATTTGATTATTAAGACCCGTTGGCATAAGATTACATCCTCTGACTATAAAAACCTGGAA
GAAAACCTAGGAAATATTCGTCTGGACTTTGCACTTGGCAATGAATTTATGGGCGCTTTG
GAATCCTGCAGATATAATAATGATAATTAAACAAAACACTCAGAGAACTGCCAACCTA
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TTT

>SEQUENCE:4732:prostate_MPM2000-004P4Novel007_8Table3

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GTGATTTTCTATTAACCTGGACATTTTGGATATTATGAGAGTCTGGATATTACTTTGA
CTTTCTGTTTTAGCTGGCTTTCTCTGACACTGCTCTAAAAGAGGCAGCGCAGGGAGGCAC
TTCCCCTGTTACTACCAACTGGAGGTAGAAGTCTAGGTTCCCACTCAGCCTTTACTGGCA
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>SEQUENCE:4733:prostate_MPM2000-004P4Novel007_8Table3

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TATTTACTCAGCTATTCCTCCTCTTTAGAAACAAAAGAAATTAGTGGATGCTGGGCTTCA
GAACTCCTGACCATGGATCCAACCAAGAGAATTACCTCGGAGCAAGCTCTGCAGGATCC
CTATTTTCAGGAGGACCCTTTGCCAACATTAGATGTATTTGCCGGCTGCCAGATTCCATA
CCCCAAACGAGAATTCCTTAATGAAGATGATCCTGAAGAAAAAGGTGACAAGAATCAGCA
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>SEQUENCE:4734:prostate_MPM2000-004P4Novel007_8Table3

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ACCCATTACGATTCTTTCTGAGTGACATACCACACAAATTCAATACGGATTCTCTAAAAA
AATCCTCTTAGGCTACTTCACTCAAAGTCTCTGCAGCTGCCTGCACTGTGAAGGCTGCAA
CATAAATCTGTCTCTTCACTTCTCCCCAGGCCTTGAAGGGTCCACTTTGCTTTCAATAT
CAAACAGAGCATCATAAATTCCTGGGAATGACTCCCCTGCATACTTGTTGTGGCTGCTTG
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>SEQUENCE:4735:prostate_MPM2000-004P4Novel007_8Table3

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TAAAGATAAAATATATGTTTACTAGTATCATAAGGGTTATGATGTATAGAGGGGGCTCAA

Table 7
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ACTCACTAGGAATCCAAGAATACAAAATAAAGACAGGCCGGGAGCAGTGGCTCACACCTG
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>SEQUENCE:4736:prostate_MPM2000-004P4Novel007_8Table3

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CCTTAAGAAGGAAAATTGAGCAAGTATTTAATTGGTTGGACATTGCATAAAAGAGGTCCA
TATCCAGGCTAACTCTAGAAATTTTATTCTCAAACCTTAGTTGGCCTCTTTTTCTTCTGTC
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>SEQUENCE:4737:prostate_MPM2000-004P4Novel007_8Table3

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GGCTGTGATTCTACTCTAAGTGCCATACACATCCCTTTCACCACTGACAGATTTTGCTTC
CCTGGTTGTGACATTCAGCATTCTCTACTGCAGGGCTTCTCAACCTTGGCACTATTGGCA
TTTGGGTCTGGGTAATGCTTTGCTGTGGCAACTGTCCTGTGCATTGTAAGATGTTAAGCA
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GGGGCACAATGTGGCACCTGGTTGATAAACACTGATCTACT

>SEQUENCE:4738:prostate_MPM2000-004P4Novel007_8Table3

CACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTTTT
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TCCACTTGCTCGGCCTCCCAAGGTGCTGGGATTGCAGGCATGAGCTCACTGCGCTCTGG
CCTCTAAAATACTTTTTCTTAGTAAGAACATAACCAGTTACACTGAAGGCTTTGAAAGTC
TTCAACTGGTATGAATCCTAAAAAAGAGCACCAAGTCTACAGGAGCTTTCAGGA
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>SEQUENCE:4739:prostate_MPM2000-004P4Novel007_8Table3

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GACTAAGTATCAGCTAGAACTTAGCCATGTCTCAACATTCCTGATTATCTGAAAAGCTG
TCGATGCCCTTTTACAGGTTTATGGTGACAGACCCGTATCATCTTAAAGTATGTTTCATAG
TTAAGGCTTGACTTAAGAAAATAAGAGAACCAGACATAATC 3AAAGACCTCTTCAATAAT
GTTGTCATGCCTCTCAGTGAACGTGCTCACAGTCACACTTGGTTTGGCTCCNCAACCCA
CAATAGAAAAGGAAAAATGAGTATTTTGTTCATCTGTTTGTATTTAAAGGCATTGG
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>SEQUENCE:4740:prostate_MPM2000-004P4Novel007_8Table3

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GCTCACAAAAACATGTGTTGTATGAAATCAAGGTTTAAGGGATCTAGGGCTGTGCAGGAC
ATTTCTTTGTTAACAAAAAGTTTACAAACAGTATACTTGGTAAAGTCATCGCCATTCTC
TAGTGTCAATAAACTAGGGGCACAATGCACTGCGGAAAGCCGCGGGGACCTCTGCCCTTG
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>SEQUENCE:4741:prostate_MPM2000-004P4Novel007_8Table3

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AGGACGTCACCATGCCCAAAGCACCAAGGGAAAAAGTGCAGGACGGGAAAAAAAGTCA
TCCATCCATATAGTAGAAAAGCAGCTCANATTACGAGAGAGGCCCAACAACAAGAAAAA

Table 7
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AGGAAAAATTGAAGAATGAAAAGGCCTTGCGTCTCAACCTTGTTGGTGAAAACTGCAAT
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>SEQUENCE:4742:prostate_MPM2000-004P4Novel007_8Table3
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GAAAAGGAAATACCCAATTCCAGCCTACTCTAGTTGTCCTGTCTCCCTAAAGGGATAGGG
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GAGACCTAAGCAAGCATGGGTCTATAGAATGTTTTCCCCTGCCCTAAACCTTAGCAACA
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>SEQUENCE:4743:prostate_MPM2000-004P4Novel007_8Table3
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GAGACCTAAGCAAGCATGGGTCTATAGAATGTTTTCCCCTGCCCTAAACCTTAGCAACA
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>SEQUENCE:4744:prostate_MPM2000-004P4Novel007_8Table3
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CTGCTTCAACACAGGATCCTGCAGGACCTCCTCCTTTGCCATATGCTCCTTCAGCAGTTC
TGTCTGCACAATCCCCCCCCGCGTACCTGCCCGGGCGGCCGCTCTAGAACTAGTGGATCCC
CCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGCCCG
GTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCA
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AGCATAAAGTGTAAGCCTGGGGTGCCTAATGAGTGAGCTAAC
>SEQUENCE:4746:prostate_MPM2000-004P4Novel007_8Table3
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GCTCGGGACCATTTGGCTGGACCCAGAGTCCGCGTGGAACCGCGATAGGGATCTGTCAGG
GCCCGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTT
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>SEQUENCE:4747:prostate_MPM2000-004P4Novel007_8Table3
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CAGGACACGCCTGAGTTAAAATGAGTATCCCTGAGGTTGATAATTCCCACCATGCACCTT
GAAGATGGTTCTTGAATCTTTCATTTCAGCCCGATGAAGAGAAGATTCAATTGTAGCCAGTG
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AACCAGCCCGTGAGTGCATAGCTACTGCCAGCACTTAAAGAAAGGTGAGCCGTTGGATAC

Table 7
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TCTGGGAAACCGAGAAAGCACCTTCTACTGCAAGCGTGAAGAACATGATGCCCCACAGAAA
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>SEQUENCE:4748:prostate_MPM2000-004P4Novel007_8Table3

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AAAACTGTATTAATATGTGCCTCATTATAGAAGCAGCTGGAAGAACTGGATCACACAGT
TACCTAACTGAAAAGTAACTTAGGAAAAAGCTCTGCTTTTTGTAAAACTTTAAATCACAG
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>SEQUENCE:4749:prostate_MPM2000-004P4Novel007_8Table3

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CTCCAGCAGGATGGACAGGATGGAGCTGCCGTACGCGGGTATCTGTCTTTCACCTAGTGT
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>SEQUENCE:4750:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4752:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4753:prostate_MPM2000-004P4Novel007_8Table3

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GTCCAATGAGACCAAGTTAGTATAATTCTCCAACATCACATCTCTGTACTGGGTTCATCT
CACTAGGGAGTGCCAGACAGTGGACGCAGGACAGCGGGTGCCGGGCAACCGTGCGCAAG
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TGAAGCAGGGCGAGGCATTGCCTCACTCGGGAAGCGCAAGGGGTGAGGGAGTTCCCTTTC
CAAGTCAAAGAAAGGGGTGACAGACGGCACCTGGAAAATCAGGTCACTCCCACCCAAATA
CTGCGCTTTTCCGACGGGCTTAAAAACGGCACACCAGGAGATTATCCCGCACATGGC
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>SEQUENCE:4754:prostate_MPM2000-004P4Novel007_8Table3

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GAGAGAGCTAGCGGTTAAGTGCTATGGGTAGAGAGGGTGGGCTTAGAAAAGGGTGGAATT
CTGATCTTATGTTGGGAGGGTGTCCAAGTTACTGATGTAGTTGTTACGACCAATCTTTCA
TACTTCTTGGTTAAGAATCTGTCCGGTTCTAAAGAGTGCATTTTCATATCCTTGCTAAGCC
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Table 7
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>SEQUENCE:4755:prostate_MPM2000-004P4Novel007_8Table3

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GCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGTTTTCAACCTTATCGATA
CCGTCAACCTTCAAGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATT
GCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACA
ATTCCACACAACATACGAGCCGGGAGCATAAAGTGTAAGCCTGGGGTGCCTAATGAGTG
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>SEQUENCE:4756:prostate_MPM2000-004P4Novel007_8Table3

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TTCCTTCAGCCTTCGGGCTGACACTGACTCCCCGCGTACCTCGGCCGAGGTACTCAGGAC
TTTTGCGGTTCTGTAAAATCTGTTTGTGAGTTTCTTTGTTAGCAAAGTATCTAGTGCAGC
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CAGAAGCACCAAGCACACAACCTATAAAAGATATGATAATTTCTTTCCTCTTTGCCTTGAA
CACAGATCCTAGATTTCTCTAGGAGATAATGTGAAACAAATCCTCCAACAACCTGAGCTCT
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>SEQUENCE:4757:prostate_MPM2000-004P4Novel007_8Table3

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CTCCGCTCACTGCAACCTCCACCTCCCAGGTTCAAGTGATTCTCCTGCCTTAGCCTCCCA
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GCCTCGGTCTCCCAAATGCTGGGATTACAGGCAATAAGCCACCGTGCCTGGCCGGCTCT
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>SEQUENCE:4758:prostate_MPM2000-004P4Novel007_8Table3

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CCCTTCTTAAATTGCTCCTGTATCATTGATTCCAATTCTTCACAGAAAGCAGGGCTTTGC
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A

GCCCCAGGCTTTGGCTGCGATGTGGCCCCAGGGCACAGCCAGCTTCAGCTCTGAGATCAG
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TGAGCTTGTGATGAGAACACATCCCCAGCTTGAAATCAAATCGACATATTGATTTTAGCA
CTGTGAGATACTGAGCTGAGAACACAGTTTCACTGTTTCTGACTTCAGAACACAGAAC
TGAGATGATAAATGAGTGGTGTTCAGTTGCTAAGTTTGTGGTCATTTGCTTACAGTAA
TTGTAAACTAATGCACAAGTGTAAGTTTGTTCCTTAAAGAAGAAAAAACGGGGGAAGGA
GGTAAGTGTTAAAGGATCAAACTCTGACAAAAGGCTGGTTGCAGAACATGGAAGGTTGG

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TGCACTGGAACTATTTGTCATGCAAGTTTATGTTAAAATAAGTAGC
>SEQUENCE:4761:prostate_MPM2000-004P4Novel007_8Table3
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TCGAGACAGCCATAGACAGGGGAGGAGGGAAGAAGGATACTGTGGAAAGGGATGGCGGG
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TTTTTTGTTTTGTTTTGGTTTTTTTTTTTTTTTTTTGGCTTGAAGGATTTAAAAC
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>SEQUENCE:4768:prostate_MPM2000-004P4Novel007_8Table3
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AATTGACTAAAGCAGCCACACCCCACTGCTCAGAAACAGAAAGCTACTGCAGGCCCT
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>SEQUENCE:4769:prostate_MPM2000-004P4Novel007_8Table3
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TGAAGTGAACCCCAAAATGGTCATGACCGTGTTCCTGCCTCATGGGGAAAGGAATGAA
GAGGGTGTGAGGCCCAATGGGGCTGGGTGGGAGGCGGTGCACTCACTCCTGACTGCCCG
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CACAGATGCCCCAGGGATGATTCAAGCCATTCCAAAGTTCAACTTGGTGACACTCTATAA
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CTTCATTCTTTGCAGGAGGCCCAACCTCCTATATATAGGTTTCTATTCTTGATTTATTG
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>SEQUENCE:4770:prostate_MPM2000-004P4Novel007_8Table3
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CGTACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGC
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GGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTAT
CCGCTCACAATTCCACACAACATACGA
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>SEQUENCE:4772:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4773:prostate_MPM2000-004P4Novel007_8Table3
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TGCGGTGGAGTGTCCACAATTTGCCGGTCATCTGAGGAGCCACCTCGCTTCAGGTCAATG

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ACTGGGGCGAGGACTGTACTGCGGCGGGTAGGCCTAGGATTGTGGGGGCAATGAATGAAG
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>SEQUENCE:4774:prostate_MPM2000-004P4Novel007_8Table3

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TGAGAATGCTCAGTTACGAAGGCAGTTGAGAATTTTGAACCAGCAACTCAGAGAACAACA
GAAACTCAAAAACCATCTGGTGCTGTGGATTGCAACCTTGAATTGTTTTCTCTTCAGTC
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>SEQUENCE:4775:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4776:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4777:prostate_MPM2000-004P4Novel007_8Table3

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CAGAGAGTGAAGGAATAACTCCAAATAGACTCCCAGAAGTTATGTTTCAGATAAGTAAACC
ATCATGCTTACATTCAGAAAGTTCTGCTTCTCAGGTAACTTAAATGGAAATGGAAATGAT
GAGTGCTGGGAAGAGGTATTAAGTAGCTCAAAGAATGCCCTTGGCAATAAACTGGGGTCT
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>SEQUENCE:4778:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4779:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4782:prostate_MPM2000-004P4Novel007_8Table3

Table 7
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>SEQUENCE:4783:prostate_MPM2000-004P4Novel007_8Table3

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GCAGCAGTGTGTGATTCTGAGGACACAGGGGGCTGGGGTCTAGGAGCTATCTCAGGTGGG
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>SEQUENCE:4784:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4785:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4786:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4787:prostate_MPM2000-004P4Novel007_8Table3

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Table 7
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TCTTAGCACATTTGTGAAATCTGTGTAGAACCGGGCTTTGCAGGGGAGATAATTTTCCTC
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>SEQUENCE:4788:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4789:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4790:prostate_MPM2000-004P4Novel007_8Table3

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ACAGTATTTTTTAAATGCCAGTTAGGTTTTATAAAAAGGTAGATTTTTTATAACTCCCAA
CACAAGAAATGACAGGGTTGATGCTTGCATGACTTTTGGCAAACCTAACTTCCAGGAAAG
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>SEQUENCE:4791:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4792:prostate_MPM2000-004P4Novel007_8Table3

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CTCACGTTCTGGCATCACTTGGCCTTTCTGGATGCTGGACACCTGAAGCTTGGAACCTCAC
CTGGCCGAAGCTCGAGCCTCCTGAGTCTACTGACCTGTGCTTTCTGGTGTGGAGTCCAG
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Table 7
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>SEQUENCE:4793:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4794:prostate_MPM2000-004P4Novel007_8Table3
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A
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CAAGCGGGCAGCTGAAGATGATGAGGATGACGATGTGATACCAAGAAGCAGAAGACCGA
CGAGGATGACTAGACAGCAAAAAAGGAAAAGTTAACTAAAAAAGGCCGCCGTGA
CCTATTCACCCTTCACTTACCGTCTCAGAATCTAAACGTGGTCACCTTCTAGTAGAGAGG
CCCGCCCGCCACCGTGGGCAGTGCCACCCGCAGATGACACGCGCTCTTCACCACCCAAC
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>SEQUENCE:4795:prostate_MPM2000-004P4Novel007_8Table3
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TCCTTTTCTCCTGCAAACTGGTGGTAGAAACAGTGGCATGCGGGGGATGGTACATCACA
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>SEQUENCE:4796:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4797:prostate_MPM2000-004P4Novel007_8Table3
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C
CCTACCACCAATTTCTGGTTTTTCTGTGGGAGCCCAAGGAGCAAGGGCAGAATGAGGAA
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>SEQUENCE:4798:prostate_MPM2000-004P4Novel007_8Table3
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CAAATGTCATCTTAAGAAGCGACCTTGTCAGCTTAGCTAAATAGTAATTCCTTCCAGTCA
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GAATTGGTTAAATATACTATAAACTTGGCTTATAATCAGGATAAATCTTAACTTGAGG
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>SEQUENCE:4799:prostate_MPM2000-004P4Novel007_8Table3

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ATCCCGCGCCACTTGCAGCTGGCCATCCGCAACGACGAGGAGCTCAACAAGCTGCTTGGT
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CAGCCAGCAGGCCCTGCCATCATCTATGACTTCTATCTGTGGCTCACTGGAAGGAAACC
CAGGCAAGGCCAAGATGGCTCAAAGAGCAACCAGCCACCTCTGCAGCCTGCCACCTCCTG
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>SEQUENCE:4800:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4801:prostate_MPM2000-004P4Novel007_8Table3

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T

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G

CAAACATTTATAGCTAGAAGCCACTACTGGGCCAATGCTAAAGTTTCTGTCTCTAAGCCT
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>SEQUENCE:4802:prostate_MPM2000-004P4Novel007_8Table3

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TATCACCACCCATGCTTTGAGACATCATGGGAAACCACAAAAATGACCCATTATCTTGAA
GTGGGTGTGGCTCTGGAGATTCACATTCCATTCTATCTTCCATAGACTGAAGCTGGGTGC
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>SEQUENCE:4803:prostate_MPM2000-004P4Novel007_8Table3

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A

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GGGAATCCCAGGGGGTTTCAAGATGCCCAGGAAGGAAAAGGGGACAGCGCTACTGCTATGGA
ATGAGACCACCACTTCTCCTGTTGTCTTCCAGCTTCTCCCCAACCTCCCCTTTTCCCT
AGTTTATAAGACAGGAGAAAAGGGAGAAAGCAAAAAGCTGGAAAGAAACAGAAGTAAGAT
AAATAGCTAGACGACCTTGGCGCCACCACCTGGCCCTGGTGGTTAAAATGATAATAATAT
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>SEQUENCE:4804:prostate_MPM2000-004P4Novel007_8Table3

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TGGATGAAAAGCACAGTTTCCTTTCCCCTTGATGGGAATAACTCTTAGTTATATCTGACA
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>SEQUENCE:4805:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4806:prostate_MPM2000-004P4Novel007_8Table3

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CCCCCATGCCATCCTGCGTCTGGACCTGGCTGGCCGGGACCTGACCGACTACCTCATGAA
GATCCTCACTGAGCGAGGGCTCCAGCTTTTACCACCACGGTCCGCTTTAGAACTAGTGAG
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>SEQUENCE:4807:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4808:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4809:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4810:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4811:prostate_MPM2000-004P4Novel007_8Table3

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TATGATGTGGGCTGGGCAAGGTGGCTCACGCCTGTAATCCCAGCACTTTGTGAGGCCGAG
GTGGGCTGATCACCTGAGGTCAGGAGAGACCGGCCTAGCCAACATGCTGAAACCCCGTC
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CGGGAGGCTGAGGCAGGAGAATCGCTTGAACCCGGNGGGCAGAGGTTGCAGATCACGCC
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>SEQUENCE:4812:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4814:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4815:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4816:prostate_MPM2000-004P4Novel007_8Table3

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CATGTTGCTCCCCACTGCCTCGTGTTGTCTGTTGGCGCGCTGTGCGGGTTNAACCGATAC
AAGAACCTTCACCTACCTGGTGCTTTGGCCTCATCTATAAGCAGCTTTTCCACTGTCCT
GAAACAAGATAGAGAATCTGAGCGGCCAGTCATCTGCCCTAAGTGCTGCCGCCGAAGACT
GAATGTCCTGGAAAGTTTGCTGTCAATCTCCATTATGACAAAAGCATTGTGCCGAACAG
ATGAAAAAATGCATTGTCAACGGAATCTTTTATGTTTGTCTTCTTTAAGCAACAT
TGCCTTACTTGTTATAAAAGATAAATAAATATTTGTTTCAATTCAAAANAAACAAACGCAC
AAAGAGGTACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATAT
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>SEQUENCE:4817:prostate_MPM2000-004P4Novel007_8Table3

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GAGACTCCTCCGGCCACGACTAGGTGCTGTCTGAGGAAACGGTGGAGGACGGCCGCA
C

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>SEQUENCE:4818:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4819:prostate_MPM2000-004P4Novel007_8Table3

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TGGTTCATTGTTTCCGCTTTTGTGGATTTCATGTTAAGAATACTTTAAAAGAAAGGGTGG
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>SEQUENCE:4820:prostate_MPM2000-004P4Novel007_8Table3

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CTGCTCACTCAGATTGACTTTCAATAGTTTTTCTAAGACCTTTGAACTGAATGTTCTCTT
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ATTTAACCTTTGTAAGGCCCATTTGGATCCAGGTCTGCTTTCTCATGTGTGAGTCAGG
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>SEQUENCE:4821:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4822:prostate_MPM2000-004P4Novel007_8Table3

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CAGATCCTTCTCCACCACCTCTGCTTCCCTTCTCCCTTCTTTTCTCCTTGCAGCATTCC
CTTTAGTACGCGGGGAGGCATTGAGGCAGCCAGCGCAGGGGGCTTCTGCTGAGGGGGCAG
G

CGGAGCTTGAGGAAATCGCAGATAAGTTTTTTTCTCTTTGAAAGATAGAGATTAATAACA
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>SEQUENCE:4823:prostate_MPM2000-004P4Novel007_8Table3

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AAGGATCCAAAGTGAACCTCAAGAAAAAAAACAAAACAAAATAAACCCCAACCCCTAC
AGTGGCCCATTTCTGCAGATACGGATTGCGGAAAGGAAAAATCAGAGGGAAGAGGCTAAAA
TCCCTCAGTCTACCCCGCGTACGCGGGACCCACTCCCTCTTAGCCAATATTGTGCCTATT
GCCATACTAGTCTTTGCCGCCTGCGAAGCAGCGGTGGGCCTAGCCCTACTAGTCTCAATC
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>SEQUENCE:4824:prostate_MPM2000-004P4Novel007_8Table3

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GGTTTGGGCAATTAACACAGCCAGGTTGGTATCAAGCAATGAGATTTATCAAAGGTCAG
GACCACCTTTGTAATGTCCTTCTCTTTTTTATCTTTATTCGCATAGTCTGTTTTGTCAGA
AAGTAGGAGTGCAACACCTGCTTTTTTCTGTTTTCCATTTGCTTGAAATATTTTTCTCCA
TTCCTTTATTTTGAGCCTATGTATGCCACCGCATGTGAGATGGGTTTCTTGAAGACAGCA
TACTCCAGTGGGTCTTGGTTCTTTATCCAGCTTGCCCCGTGTCTTTCAATGGGAGCATTT
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>SEQUENCE:4825:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4826:prostate_MPM2000-004P4Novel007_8Table3

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CGTACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGC
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>SEQUENCE:4827:prostate_MPM2000-004P4Novel007_8Table3

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AAGCTAAAATTTTGAGTGTATGATTAATTTACTATAGCATGTAATTATGCAGTATTTTAT
TTTTTGTTTTTATTTTTTTTGAGACAGGGTCTCGCTCCATTGCCAGGCAGAGGTTGCA
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>SEQUENCE:4828:prostate_MPM2000-004P4Novel007_8Table3

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GGTCGCTCCCTGAGAGGTGAGGTCTGAACCACTGGGAAGCAGGACGATGTTCAAGGCTT
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>SEQUENCE:4831:prostate_MPM2000-004P4Novel007_8Table3

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CTGAGAAGGTTGTTAGTGGTCCCTCATCTGGGCAAAGCAGACCCAAGATGGTGCTGAGTG
CAGAGTGACAGACATTCTTGTGCTCTCCTCTCATGGCTGGAACATCTGGGCTTTGCGCC
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>SEQUENCE:4832:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4834:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4838:prostate_MPM2000-004P4Novel007_8Table3
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AGGACATTCAGTCTTCGGCGGCAGCACTTAGGGCAGATGACTGGCCGCTCAGATTCTCTA
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>SEQUENCE:4839:prostate_MPM2000-004P4Novel007_8Table3

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ATAAAATATGTGCTTCACGGAAAGGGGACTTTGATTAAGGACATGCCTCCTTCAGAGCTT
TTTCTTTTCCCCCTAGTATTTCCAACCTTGGGGATGTTTGGCATCGACGAATTTACTGCAG
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>SEQUENCE:4840:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4841:prostate_MPM2000-004P4Novel007_8Table3

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GTGTCACCTGGGCTCCACTTCCAGGGTGATGGTCTTGCCGGTCAGGGTCTTCACGAAGATC
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>SEQUENCE:4842:prostate_MPM2000-004P4Novel007_8Table3

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TTTACCACATTGTGCAGGTTGGTCTCAAACTCCTGAGCTCAAGTGACCCACCTGCCTA
GGCCTCCCAAAGTGCAGAACCAGATTCTTAACTGCCACAGACTCTTGTATTATGTAATTT
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C

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>SEQUENCE:4844:prostate_MPM2000-004P4Novel007_8Table3

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GAGATGATGGGGAGGATATAGACACGTGTTTCAGGTATTTGTAAATGCTGAGGAGAAAGA
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>SEQUENCE:4845:prostate_MPM2000-004P4Novel007_8Table3

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GAAGTGAATAAATGGTTGCATTTTTATGAAATGAAAGCTCCTTTGGTTTGTCTACCAGTT
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>SEQUENCE:4847:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4848:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4851:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4853:prostate_MPM2000-004P4Novel007_8Table3

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GTGCAGCCCACACTTAAGTAGTTGTATATTGTGCTCCCCCTCCTTTAGGGTGGAAAATCT
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>SEQUENCE:4854:prostate_MPM2000-004P4Novel007_8Table3

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AGCTGCCTTATGAGGATGTGCAATACCACTGAATGAGCTTCCTGAACCTGAACAAGACA
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>SEQUENCE:4855:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4856:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4857:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4858:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4859:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4860:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4861:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4864:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4865:prostate_MPM2000-004P4Novel007_8Table3
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G

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AGAGTGCTCTGCAGATGGAGCCAGCTGCCTTCCAGGCTTTATATTCTGCTGAGAAGCCAA
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CGCAGCTGGCCCGGAGTCTTGGATACACTGGGGCTCGCAACTACGCTGGAGCCTATAGAG
AATGGTTGGAGAAAGAGAGTTAGGCAGGAGGCAGCTTACTGATTGCCACCCCTGGCCCC
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>SEQUENCE:4866:prostate_MPM2000-004P4Novel007_8Table3

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GCCCTTCAGCGAGGAAGCTACACTTTTCACCAAGGAACTGGTGTGCTGCAGCGAGAGGTGGA
GGTGGAGGTGGAGAGCATGGACAAGGCCGGCAACTTTATCGGCTGGCTGCACATCGACGG
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>SEQUENCE:4867:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4868:prostate_MPM2000-004P4Novel007_8Table3

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CGCAGTGTGGTGCTGCTGAGGAAGAATTTGTGCAGAGGTTTCGAAGAAGTGTAACCTTG
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GAAGAATAAAAGTAAATGGAATTGATTACCAGCTTTACTTCCCGATCACACAGGACAGAG
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>SEQUENCE:4869:prostate_MPM2000-004P4Novel007_8Table3

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CACGCACAACCTAGTCAGTTCCGAACAGGAAAAGGAACAATTTATCAAGTTAATTGTCAC
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TTAAACAAGTGGGTAAATCCAGAATTGATTGGCCATACCATTGTCAGTGTATTACTGCTC
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>SEQUENCE:4871:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4872:prostate_MPM2000-004P4Novel007_8Table3

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TCTATCTTTAGTCCTCCTAAACCTTCAGCTATAATCTCTATGCAATCAACTTAAATATAT
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GACAGGAATCAGGTTGCTGCTCAGGGGCACCACCAGGAGAGACCTCCGGCTGAGGTCAGC
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AAAAGGGGGGAAGGGGGGGGCACGAAGGCTCATCATTCAAAATAAAACAAAATAAAAAAGTA
TTAAGGCGAAGATTAAAAAATTTTGCATTACATAATTTACACGAAAGCAATGCTATCAC
CTCCCCTGTGTGGACTTGGGAGAGGACTGGGCCATTCTCCTTAGAGAGAAGTGGGGTGGC
TTTTAGGATGGCAAGGGACTTCTGTAAACAACGCATCTCATATTTGGAATGACTATTAA
AAAACAACAATGTGCAATCAAAGTCCTCGGCCACATTGTGAACCTTTGGGGGATGCTCGCT
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>SEQUENCE:4875:prostate_MPM2000-004P4Novel007_8Table3

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CTCCTGAGTGACTGCGTCAGGCATCTCAATCATGATTACATGAAGCAGATGACATTTGAA
GCCCAAGCCTTTTTAGAAGCTGTGCAATTCTTCCGACAGGAGAAGGGTCACTATGGTTCC
TGGGAAATGATCACTGGGGATGAAATCCAGATCCTGAGTAACCTGGTGATGGAGGAGCTC
CTGCCCACTCTTCAGACAGACCTGCTGCCTAAGATGAAGGGGAAGAAGAATGACAGAAAG
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>SEQUENCE:4877:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4878:prostate_MPM2000-004P4Novel007_8Table3

TCCACCGCGGTGGCGGCCGAGGTACGCGGGGGAGGAAGAGTGAGGGTTCCAACCTTTCTG
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CTTAGGTCTGTTAGAGGAAGACGACGAGTTTGAAGAGTTCCCTGCCGAAGACTGGGCTGG
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GGATGACTTCTCTAATCAGTTACGAGCTGAACTAGAGAAACATGGTTATAAGATGGAGAC
TTCATAGCATCCAGAAGAAGTGTTGAAGTAACCTAACTTGACCTGCTTAATACATTCTA
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AAAAA

>SEQUENCE:4879:prostate_MPM2000-004P4Novel007_8Table3

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CCAGCTCGAAAAAATTTTAGTGTGGAGGATGGGATAGTAAAGATAATAAGCCAATGAAT
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>SEQUENCE:4880:prostate_MPM2000-004P4Novel007_8Table3

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CACCCCTCCATGGAGCATCCATGGCCTGTGACAGAGCTCTGGGGACTGATATCCTTCCAC
TGACTTTGGCGCTGGTGAGAGCCCTGGTCATGTGATTGAGCTTGGCCTTAACCCGACCCA
GTTGCACATATTCTCAGGCCCTTTAGAGTTGAAGTCGAGACCTCTCTGAGAACGCTTGC
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>SEQUENCE:4882:prostate_MPM2000-004P4Novel007_8Table3

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TCCCAAATGCTGGGATTATAGGCGTAAACCACCATGCCTGGCCTTAAATCAACTTTAGA
GTCAACATCTCTTATCACTGGAGCTTCTGGAGAACTCCATCACGTGGTGCTCTCTTTCC
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ACTTCAAGAGCTGCTATATGTATTACATACATCAAATCTTCTGTAAAGTTTGATTTTTG
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>SEQUENCE:4883:prostate_MPM2000-004P4Novel007_8Table3

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CTGTGAGAAAAGGATGGAGGCAAATTTTAGCAGCAACCTCCACCTGACTGCTTGAAGTGA
GTGCTCTGAATTTTAAACATTGGACTTCTCAGCACCACAGCTGTTGCTCCGGGACCCATT
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>SEQUENCE:4884:prostate_MPM2000-004P4Novel007_8Table3

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TTTCTTTGCAGAAAGGAGAAAATGTGATTATGTTTTTTTTTACCAGCCTACTTCTAAGTG
TCACTGCCTGGTTTTCTCTTTTTCAAGGATTAGAACTAAGAGGACACACCAGCATCGGA
GTGTATTAAGCCCCTGAAACACATGGTAGCTAGGGGCTGAACACAGGAACCGTATGACAG
CAGCACAAACCCCAAAGGATGTTCTGCTTGTGGGCCCTGAGCCCCTTGGGAGACTG
AGAATCATGACCAGATTCATCCAGAACTGCTGCAGTGTTAAGTGAAAATCCTCTGTAGTT
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CGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTG

>SEQUENCE:4885:prostate_MPM2000-004P4Novel007_8Table3

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CCTTCAGCCTTCGGGCTGACACTGACTCCCCGCGTACCTCGGCCGCTCTAGAACTAGTGG
ATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGG
GCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCAT
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>SEQUENCE:4886:prostate_MPM2000-004P4Novel007_8Table3

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AGACTCCAGTCTATTTCCACAGGCTCCCTTCTCTCAGCTCGTTTTTCGAGTTCCCAAATCC
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>SEQUENCE:4887:prostate_MPM2000-004P4Novel007_8Table3

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ATTGGGTGGTAGTGGGAGGTTGTGCATGGAGGCCAGTGAAAGCTGACATCTGTAAAAGGC
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>SEQUENCE:4888:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4890:prostate_MPM2000-004P4Novel007_8Table3

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TTCCAGGGAAAATGATGTCATGTGGTGGTCCAACCTTACTGGAACCAAAGAGACAGTACCT
CGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGA
TACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAA
TTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCA
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AATACTGCCCAAGGATAGGTATTTTATAGATGGGCAACTGGCTGAAAGGTTAATTCTCTA
GGGCTAGTAGAACTGGATCCCAACACCAAACCTTTAATTAGACCTAGGCCTCAGCTGCAC
TGCCCGAAAAGCATTTGGGCAGACCCTGAGCAGAATACTGGTCTCAGGCCAAGCCCAATA
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>SEQUENCE:4892:prostate_MPM2000-004P4Novel007_8Table3
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GAGTCTCAGGGCTGCGACCACGAGGAGGATGCTGGTGTGAGATGCAACACCCCTGCCATG
GGCTTGCAAGAAGCTGCGCCTGAACGGCGGCCGCTCTAGAACTAGTGGATCCCCCGGG
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>SEQUENCE:4895:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4897:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4898:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4899:prostate_MPM2000-004P4Novel007_8Table3
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TCTCTGAGAGCTCCAATTTTCATCCGTCTGCCATCGGCGCCATCCTGCAATCTAAGCCACA
ATGGTGCGCATGAATGTCCTGGCAGATGCTCTCAAGAGTATCAACAATGCCGAAAAGAGA
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ATTGTTGTGAACCTCACAGGCAGGCTAAACAAGTGTGGGGGTGATCAGCCCCAGATTTGA
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TTTCAT

>SEQUENCE:4900:prostate_MPM2000-004P4Novel007_8Table3

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GGGCTGGGGTCAAAGACTGGGTGCCTGGGAGCTGAGGCAGCCACCGTTTCAGCCTGGCC
A

GCCCTCTGGACCCCGAGGTTGGACCCTACTGTGACACACCTACCATGCGGACACTCTTCA
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>SEQUENCE:4901:prostate_MPM2000-004P4Novel007_8Table3

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ACCAGCACATCCACTCACTCCTGCTGTATGCTCTGTTCCGAGGGTGTGTTAGTATCTCCC
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AATGGGACCAAAGGATGATGCCAACCTCATGTTTCATCACCATGTGCTTCTGCTGGCACT
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>SEQUENCE:4902:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4903:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4906:prostate_MPM2000-004P4Novel007_8Table3
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GCTTCGGCGAATGAGACCTGCGGACCTGCCCCCGTGCCCCATGGAAGAATCCCCGGCGTC
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>SEQUENCE:4915:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4917:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4918:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4919:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4920:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4921:prostate_MPM2000-004P4Novel007_8Table3

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AATTTCTCCAGTGGGTTTGAATTTCTCCCCAGAAAATGGATTTTTCTTTTCTATCGCATT
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>SEQUENCE:4922:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4924:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4925:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4926:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4927:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4928:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4929:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4931:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4932:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4933:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4934:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4935:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4936:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4937:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4939:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4945:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4947:prostate_MPM2000-004P4Novel007_8Table3

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TCACCATATTCTACAAAGGCAGTCAACTACATGACACATTCCGCTTCTGCCTGGTCACCA
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CACACCACAGTTCCTTCATGTTGTTCTGAAAGATGGTTCCAGCGAGGCCAATGCGGACAT
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>SEQUENCE:4951:prostate_MPM2000-004P4Novel007_8Table3

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GCACAACCTGCAATTACCTTTATTCAATTAATGCAAAAACAAAAATGGGGAGATGTTACA
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AGAGGCCATTTTGTGCACTGCCACCGTGATGCCATCGGGTTTCTGGATCATAATGTTCCC
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>SEQUENCE:4962:prostate_MPM2000-004P4Novel007_8Table3

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AGCCACCTCCCAGCCTGTCATGCCCTTGACCTGCCCGGGCGGCCGCTCGAAAGCCGAAT
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CCTGTAATCCCATCACTTTGAGAGGCGGAGTCGGGTGGGGATTGCTTGAGGCCAGGAGTT
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AAAAAAGGGGACCCAAGGCCATATATCTGTTTCATTCTAGAACTCTCCACAGTGTCA
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GGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATTCCACA
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>SEQUENCE:4967:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4975:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4987:prostate_MPM2000-004P4Novel007_8Table3
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Table 7
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>SEQUENCE:4994:prostate_MPM2000-004P4Novel007_8Table3
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CACACATGATCATCAGTATTTGCCTCCTGTGTCCCAACCGGCCTGAGTCAAATTCCCCT
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CCCTGGGTGGCTGCACCAATCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAA
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AAGCAGAGGCCATTGGCGGCCTAAGGTTGGCAGTCAAAGAGGCTGCGGAAGGTTGAAAAT
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>SEQUENCE:4999:prostate_MPM2000-004P4Novel007_8Table3
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Table 7
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>SEQUENCE:5007:prostate_MPM2000-004P4Novel007_8Table3

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GGTTGGATCACGAGGTCTGAGGCGGGCAGATCACGAGATCAGGAGATCGAGACCATCCTG
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TTTTAAATGCCATTTGTTTCAGTTGTCTTTTACCACCTTAATTAATTAGACTTTTGCCAT
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>SEQUENCE:5011:prostate_MPM2000-004P4Novel007_8Table3

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GGGGTTTGAGAGCAGCCTGGGCAACATAAGCAACACCTCATCTGTAGAAAAAAGTTTAC
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>SEQUENCE:5013:prostate_MPM2000-004P4Novel007_8Table3

Table 7
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TTCAAAGCATTGAGGTAGAACTGGAAGCCGAGGCGGAAAAGATGCGGGTGTCCCAGCGAG
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TCAACAGGAACCTCATCCAGAAGGCTGGTTACCTTAATCTTAGAAACAAAACAGGGCTGG
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>SEQUENCE:5018:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5019:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5021:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5022:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5024:prostate_MPM2000-004P4Novel007_8Table3

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CTGCAGCTCCCACCTCCAGCCTGCAGTATCCTGCTGACAACTTCCTGTGTACCTCGGCC
GCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCG
TCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCG
CGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATT
CCACACAAAATACGAGCCGGGAGCATAAAGTGTTAAGCCCTGTGGTGCCTAATGAGTGAG
CCAATCACAATTAATTGCGTTGCGC

>SEQUENCE:5026:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTTTTT
TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTAAAGAAAAGATGGCCTTTATTGCAG
CACGAACTGAGGGGGACTGCATGTCCACAGCTCTCCAGGAGCTGCCAAAGGCAACGGGCC

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CGCCCTGCCCCTGCAACAGGCCCTCCAGGGGCCAAAAACATTGGCTCCCCTTAAGGAAGG
GTAACGCGTGCTTGTAACAAGGGCCCAGACAACACATAGAGGAGAGGCAGCATCATCAT
GTGCAGCTTTGCTACAAGAAAGATAGTTCTTAATTTCCCCGCGTACCTGGGCCGCTCTAA
AACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCT
TGAGGGGGGGGCCCGGTACCCATCTTTTG

>SEQUENCE:5027:prostate_MPM2000-004P4Novel007_8Table3

GCGAATTGGAGCTCCACCGCGGTGGCGGGCCCGGGCAGGTACTTTTTTTTTTTTTTTT
TTTTTTTTTTTTGGGTATAATACTAAGTTGAGATGATATCATTTACGGGGGAAGGCGCTT
TGTGAAGTAGGCCTTATTTCTCTTGTCTTTCGTACTTGTCTAGCTCCTCTCGGTTCTTC
CGAGCCAGCTCGGTCTAATTGGGCCCCGGATGTCTGCCATGATCTTGGCGAGGTCCTGAGA
TTTGGGGGCATTTACCTCCACGGTCAACCCAGAGCTGGCAATCTGGGCTTGGAGGCCTTT
TACTTCCTCTTCGTGGTTCTTCTTCATGAAGAGCAGCTCCTCCTTGAGAGCCTCGATCTC
TGTCTCCAGCTGCAGTCGTGTGATATTGGTGTCCCCGCGTACCTTGGCCGCTCTAGAACT
AGTGGATCCCCCGGGCTGCAGGAA

>SEQUENCE:5028:prostate_MPM2000-004P4Novel007_8Table3

ATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCCGGGCAGGTA
CGCGGGGAAGACGGCCTGGGGATACAACTCTGGAGTCCTCTGAGAGAGCCACCAAGGAG
G

AGCAGGGGAGCGACGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATA
TCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCCTT
TAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAT
TGTTATCCGCTCACAATTCCACACAACATACGAGCCGGGAGCATAAAGTGTAAGCCTGG
GGTGCCTAATGAGTGAGCTAACTCACA

>SEQUENCE:5029:prostate_MPM2000-004P4Novel007_8Table3

AGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACTTTTATATTTTAATTCAAAA
CCTAAGATATGGGTAAAAGAAACAATCCAAATTTTGACTTGGCAATCCTGACCACATGAT
GCCAGTCGAAAAAACTGAAGACCTTGTTCTCCATCAGAACTGGCTGTGAAGAAAAATCG
CAGCAGGTAATTCCAAGAATCATGTTGCTTTTTTCACTATGCAGACACCTCATTTTATCA
TCCCACACTGTAAATCACCACATGAGGAGCCAGTGACAAAGAAGCTTCCATTAGGAGAA
AATGCACATGCCGCCAAGGAGCCATCTTTAACACTACCACATCTATATAATTTGTATGAC
TGTGCATTCCACAAAACACAGTTCCATCAGCTGCCCTGATGCCAAACACGTTGGAGTC
TGGGGTAAAACCTGGCAAACCC

>SEQUENCE:5030:prostate_MPM2000-004P4Novel007_8Table3

GGGCGCCCGGGCAGGTACTTTAGTTACTTCTTGCATTTTCCCCTGGTGGAGAAAGCCTT
AACTTATCTTGAAAAGGTGCAAATAAGCAATAGCATATACCCATAGCCTCTGGCACGGGG
CAGTTCGGTAAAGTTTATAAGCAAGTTTTTCAAGGCACGGCTCCTAATTCTTGAAATTT
TTGGGGCTGAGTGGGCCCCTGTCTGTGGGTATTCTCAGCACAGGTTAATCATTGTTTACA
AACATCTTGAGTGACAGCAGAGAGCCACGGCACATAGAAATGGCACTTTCGTGACCCAGC
GCAGTGGCTCATGCCTGTAATCCCAGTACCTCGGCCGCTCTAGAACTAGTTGGATCCCC
GGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGT

>SEQUENCE:5031:prostate_MPM2000-004P4Novel007_8Table3

GTATCGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGTCATGGTGTGCG
CCTGTAATCCCAACTACCAAGAAGAATCACTGGAACCCGGGAAGCAGAGGTTTCAGTGA
GCCGAGAGAGCGCCACCGCACACAGCCTGGGTGACAGAGCGAGAGAGACTCAGTCCAAA
AAAAAAAAAAAAAAAAAAGTACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCA
GGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCT
TTTGTTCCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTC
CTGTGTGAAATTGTTATCCGCTCACAATCCACACAACATACGAGCCGGGAGCATAAAGT
GTAAAGCCTGGGGTGCCTAATGAGTGAGCTAACTCACATTAATTGCGTTGCGCTCACTGC
CCGCTTTCCAGTCGGGAAACCTGTCGTGCCAGCTGCATTAATGAATCGGCCAACGCGCCG
GGAGAGGGCGGTTGCGTATTGGGCGCTTTTCCGCTTCCTCGCTCACTGACTCGCTGCGCT
CGGGCCGTTCCGGCTGCGGCGAGCGGTATCAGCTCACTC

>SEQUENCE:5032:prostate_MPM2000-004P4Novel007_8Table3

TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCCGGGCAGGTACT
ATGCTTTACTAATAGAAATACCTCTTTGCTGGGGGAGGGGAGTGCTTCTGAATAGAAAT
ACCCACTCTGAGTTACAGCTTTAGTGGCATATTAATGGGGATTTAAATTTACAGTAAAAA

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CAAAAACAAAAACAAAAACAAACCTATTCCAATTATGACAAATCTATTTTTTTTTTAAAC
CTATCTTAGATAGACCATCTCCCTACAATAAGATGGCAGAACAGAATGTCAGGAGGAGAG
GTTTGGTCTGAAGAGGGTTATCTGTCCAGGAGACGCTTTATCCCCAAAGCAATGCGCTTC
AGTTTGCTGTGCGCAGCATAGCACCTGTTGGGGGGGAGAAAAGTTGAACACCTAGAAAGTC
CATGAACAAATTCCAGCAGCAAAAAAACTT

>SEQUENCE:5034:prostate_MPM2000-004P4Novel007_8Table3

AGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTTCGGCCAAGGTACAAAGCTACTT
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AACTGAAGCTGCTGTAGAAAGATCACAGATGTTCTGTGGGTACTCAAACCTCCCCCGC
GTACCGATTGTTTCATTGGACATGATGTTATGGAAACGTGCCAGCTGTCCAAACATCTGT
AGGCCAGCCTCCTTTTCTCGGCGGGCTTCTGGAGTCAGACTATCCCATTCACCTCGATCC
TTCTCAATTTGCTGAATCTTTATCTTGCTCAAATACTGTATGGCTTCATCCAAAAGGAAG
ATGGCATCATTATTAGCAGGTTAAGAAAGCGGAGGAAAAGTGGGGGATTTCATGGCTTCT
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>SEQUENCE:5036:prostate_MPM2000-004P4Novel007_8Table3

GACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCGCCAGTGTGAT
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AAATCACCTAGTGTGCTGAGACCTTGAGAATAAAGTGTGTGATTGGTTTCATACTTGAA
GACGGATATAAAGGAAGAATATTTCTTTATGTGTTTCTCCAGAATGGTGCCTGTTTCTC
TCTGTGTCTCAATGCCTGGGACTGGAGGTTGATAGTTTAAGTGTGTTCTTACCGCCTCCT
TTTTCTTTAATCTTATTTTTGATGAACACATATATAGGAGAACATCTATCCTATGAATA
AGAACCTGGTCATGCTTTACTCCTGTATTGTTATTTTGTTCATTTCGAATTGATTCTCTA
CTTTTCCCTTTTTTGTATTATGTGACTAATTAGTTGGCATATTGTTAAAAGTCTCTCAA
TTAGGCCAGATTCTAAACATGCTGCAGCAAGAAGACCCCGCTCTCTTCAGGAAAAGTGT
TTTCATTTT

>SEQUENCE:5037:prostate_MPM2000-004P4Novel007_8Table3

GGCCCTCTAGATGCTGCTCGAGCGGCCGCGCCAGTGTGATGGATATCTGCAGAATTCGGCTT
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ACGTTTCATGGCCGGAACACAGAGCTTCCCAGCTTTGGAGAGCTGATACAGCCTGTGAACA
CCAGTCACGCTCTCTTCCACAATGCCTCGGATCTTCTTAAACACGTTTGGATACTTCTTA
TAAACCCAGTGGGTAAAGTCTCCCCCATCATCCAGGATCATGTTGGCCTGCCACCCATCC
ATGTTACACAGCGGTCAATACACCACCAGAAGTCATCTTCTGACTCGCCCTTCCAAGCG
AACACTGCAACTCCAGCCTCAGCCAGTGCTGCAGCTACTTCATTCTGAGTTGAGTAGATG
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GTCTGGGCTGTGATGTGTGTACCT

>SEQUENCE:5038:prostate_MPM2000-004P4Novel007_8Table3

CGCTATACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGG
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CCAGTGGCGAGAAGTTACACAGGGAGTCCACCCCGGTGTGGTGCCTGTTGGGGACAGACC
TGAATGTTGAACTTGACAGTCAGAAAAATAACTCTTGATGCTGCTGTTTCGGAAGAGTT
GGTTGAGCGCATCCTCAATATTCCTTTTGTTCCTCTGGTAATTGGTGGTGCCTGGCTGGG
CTTTGTCTGGGAATATGGTAGGTTGGTGATGGTGAAATTCAGGTAGAAGTGCTGGGTGC
TGGAGCTGCCTGTTGGTTGATAAACTGATGACTCCATTTCTGTACATGGATGTCCACCA
ACTGGTAGGTGGAGCCCAGCCAATGGAATGAGGCATTCAGGGTCTTATCTAGAAAGACT

>SEQUENCE:5039:prostate_MPM2000-004P4Novel007_8Table3

CGCTATACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAAAA
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CAAACCTATTGTCATAAAGATGCTTAATGAGCTCAGGAAAATTATGCATGAAGAAAATGA
GAATTTTAACAAAGAGAATATTAACAAAGAGAAAATATAAAGAAGAACTGAACAGAAATT
TTGGAGAAGAATGTAGTAACCTAACTAAAAAGTTCACTAGAGGAGTTCAGCACAGACTGT
TNAAAAAAAAAAAAAACAAAGAGGGTCCCTGGAGTTATCCTGAGCCAGGGTCGGTGGGGT
CAGACCCAGACCCAGCACGAAGACCAACAACAAAACGCCAGGCCCATCACCATCTCTTC
CAACACAGGCTCCTCGGCCTTAGAACAAAGTCCGCATAAACGGGCAGGACAATGGAAAG

>SEQUENCE:5040:prostate_MPM2000-004P4Novel007_8Table3

ACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTGTGGCTG
GTTGGAAGGGAGCCCCAAAATTAAACCCTCCAGTGCCAGAGGTGGAGAAAGAAAACCCTG

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TAGCAGGTGTGGTTGTTGCCGTCTTTGCAGTGCCAAACGTGAACCCGCCTGTAGGGGGCCC
CAGTGCCTCCAAAATTAAACCCGCTCATGGCTCCGGACTCTGGTGGCGGCAGCTACTCTG
GCTCCCAAAGCAAATCCGTCCGTGTCTGCAGCCTTGGGAAGATTTCTGTGGGTTTTCAAC
TGTCTCTCTCTCTCCTCCTTAGGTCACCTGGCATTCTGGTCCCATTTCCTCCCTGATG
CCTTTCAACCTACAGGCATAACCGACTTGCATTAAGGACCGCTCAGTATCAGGATTCCTT
CACCTTCTTTGGACCTTGAT

>SEQUENCE:5041:prostate_MPM2000-004P4Novel007_8Table3

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAAATAGGTGAAAGAAAGAACTT
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TGGCCTTTGGTCTGTTTCTGAAGGGTGAGTATTCTCCATGACAGAAAAAGGCAAAGGTAG
GTCAGAGGTGGCGAGTTTCTTCATTCTCAAACAAGGGAGAAGACATCCTTTGATTAAAGA
ATGAGGCGGGGTGGGGGAGGGAAGGACATGGACCCCTCCCTTTAAATTTTATCTGGGC
CTTCAAGGCACTTCAAAGACACAGAGTGAACAGTGCTGGCTGCCACTTCACTCGGTATT
GACTGGATAGTTTAGACTGTTGGGCTAGACCTGGCTCACCTTAAAAAAAACAAACACA
AACACACAAATACAATAAATAAAACAAATGTAGGCTACAAATTTTAAACCAGACCTCTTT
CAAATAAACTGAAAGATAAATATCTTCATCTGCAAGGCCAGCTTGCAATTCATCAATAAG
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>SEQUENCE:5042:prostate_MPM2000-004P4Novel007_8Table3

GTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAG
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GGGCCTCAGAAAGGCGCACGGCCAGCGCGCTTTTTGCGGGGTTCGGGGCCTTGGGACTTT
TCAGCAACGACATTCCACACGTGGTGCGGTTTCAAGCGCGCTCAAGCGCCGGTTCTATGTAA
CAACCTGCGTGGGCAAGAGTTTCCACACCTATGACGTTTCAAGAACTTAGTCTGGTTGCAG
TAAGTAATTCTGTTCCACAGGATATCTGCTGTATGGCAGCTGATGGCAGATTAGTCTTTG
CTGCTTATGGAAATGTTTTCTCTGCATTTGCCCGTAATAAAGAGATAGTACCTCGGCCGC
TCTAGAACTAGTGGATCCCCCGGGCTTGCAAGGAATTCGATATCAAGCTTATCGATACCGT
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CGCTTGGCGTAATCATGGTCATAGCTGTTT

>SEQUENCE:5043:prostate_MPM2000-004P4Novel007_8Table3

CGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACCATGCTTCCTGTAAAGC
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ATGAGGTCAGGAGATCGAGACCATCCTGGCTCATACGGTGAAACCCCATCTCTACTAAAA
ATATAAAAAATTAGCCAGGCATGGTGGCGGGCGCCTGTAGTCCCAGCTACTCGGGAGGCT
GAGGCAGGAGAATGGCATGAACCCAGGAGGTGGAGGTTGCATAGAGCCGAGATCGCGCCA
CTGCACTCCAGCCTGGGCGACAGAGCAAGGCCCGTCTCAAAAAAACCCCAAAAAACCA
AAAAACCAATTACCCAGTCTCAGGTATTTCTTTATAGCAATCCAAGAACGGCCTAATAC
AATGGGCTCCCAACACATAAAACATACAGCAGCCACAAAATAATTAGAAACAATGTTAAG
TAATGCCCACTAAATTTTGAATAGCAAAATATAGCATAGAAGTATAAAACAAATGTATTT
CTTATCCCTACAAAAAAGGGGCATCTTTTTGGTTTTGATATTGCTGTTTGTATAAAAACT
ATGGTGTGTGCATGTGGGTGTATGTGATTCTTATAGAAAACCTTGAAAAATACAGAAGT
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>SEQUENCE:5045:prostate_MPM2000-004P4Novel007_8Table3

CGCGCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCG
GGCAGGTACTGCAAGTAAACCTACTCCCCAAAATGTGTGGCTTTGGGTCTGCATTAAA
CGCTGTAGTCCATGTTTATGCCAAAAATGGCTGGGAACGTTTGCTTTATTTACATTCAGT
CAGCGTTGCTTTCAGATCACACTTTATCCACACAGGAAAGCCAGTCAGCCTATAATGAAG
TAGTTATTAATAAATGTAATGAATATGTCTACAAAGTATAGTTTAGTGGTTTATTTTG
CTAAAATGCACATATATTTGATATAATTTAGTTTGAGAAGTTTCACTAGTTTTTCTCCTT
TGTTTGACTTTGTCAATTTCTATCTGGTTTTTAAGGGTCTGAGCTTAGCTTGTGCATGCA
AGGTTTTGGGTTTTTTTATTTTTTTTGGAGCACAGCTTTTACCTTTTAATTTGTTGGGT
ATTTTTCTCTTAATAAGAGAAATATTGGCCATCGATTTTTACATATAATAACAAGTGTGTT
TTCCAGTA

>SEQUENCE:5046:prostate_MPM2000-004P4Novel007_8Table3

TTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACAGGGACGTGATGTTGGAGAA
C
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TTGGAGCAAGGGGAAAGAGCCCTGGACTGTGGTGAGCCAAGTGAAAATAGCGAGGAACCCA
AACTGTGGGGAATGCATGAAAGGCGTGATCACCGGTATCTCTCCTAAATGTGTGATCAAG
GAATTACCACCAATACAGAACAGTAACACAGGAGAAAAATTCCAAGCAGTGATGTTGGAA
GGACATGAAAGCTATGACACTGAAAATTTTTACTTCAGGGAAATCCGGAAAAATCTACAG
GAAGTTGACTTTCAATGGAAAGATGGTGAAATAAATTATAAAGAAGGGCCGATGACCCAT
AAAAACAATCTTACTGGTCAAAGAGTTCGACATAGTCAAGGGGACGTAGAAAACAAGCAT
ATGGAAAATCAGCTTATATTAAGGTTTCAGTCCGGTCTGGGTGAAATTGCAAAAATTTCA
AACTGCAGAAGAAAATTATGGATGTAATCAAATTGAG

>SEQUENCE:5047:prostate_MPM2000-004P4Novel007_8Table3

TGGAGCTCCACCGCGGTGGCGGCCGATGTACGGAATAGACTGGAATGGAACGAAATGGAA
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TGGAATGGAATGGAAATAACCCGAATGGAATGTAATGTAATGGAGTGTAAGGGAATTGAA
TACAATCAATCCGAATGTAATGGAATTGAATGGAACGGAATGGAATGGAATGGAATGGAA
TGGAATGGAATGGAATGCAGTGGAATGAAATCAAACCTAGTGCAATGGAATGGAATGGAA
TGGAATGGAATGGTATGGAATGGAATGGAATGGAATGGAACGCAAAAGAATGGAATGGAA
CGAAATGGAATGGAATGAAATGGAATGGAATGGAATGGAATGGAATGGAATGGAATCAAC
CCGAGTGCAGGGGAATGGAATGGAATTGAAGGCAATGGAATGGAATCATCCGGAATTGAA
ATGGAATGGAATGGAATCAACTTGATTGCAATGGAATGCAATGGAATGGAATGGAATGGA
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>SEQUENCE:5048:prostate_MPM2000-004P4Novel007_8Table3

TAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGG
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CTCAACAACCAGAGGGAATGGTGAGACCTGATACTAAAATACTGTATTGGCAAGGGTTT
GAAATGTGTAAGAACCTAGGAGGGGAAAGGAAGATTGAGCAACATAGGAAAAGGGGAAGAG
AGGCTGAGTGTCACCAAGGTCCAACTCCATTTATAAAAATACTGCAAAACCAGGAGTTG
ATGGTAGAAGTGCATATGATCCATGGCAGGAGTAAATCTCTCCACCTCCTCTAACTCTCT
GAAAACCTCTAGAGTTGGAGCAAGTCTTCCATTTGCTTCTTATCCCCTTAAAAGAATGCCT
TCCACTTCCCAACAGCCCCCATCAAGGGACCCCAAGAGGCCACCATGCTCTTATCTCGCA
CTTTCTTTCTATTCCCCTTGCCTGAATCTGGAGTGGGGTTGAGCCCTCTGCCTTCAACC
TTAAGATTTAGGAAGTTCTTTCCCCAACTGTCTAACTTGGAAGGTAGATGAGTCTGAAT
TTTGAAGTAACGAATGCAAA

>SEQUENCE:5049:prostate_MPM2000-004P4Novel007_8Table3

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGGTTTCCCCTCACGGTGGACTTAC
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AAGCAAACATGCAAGAATGTGTTAGAGAACTGATACTGGACAAGGACAAATACCAGTTT
GGTAAGACAAAGATCTTTTTCCGGGCCGGGTCAATTGGCCTATCTAGAAAATTGAGAGC
TGACAAACTGAGAGCTGCCTGCATCCGGATCCAGAAGACCATCCGAGGGTGGCTGCTGAG
AAAGAAGTACCTCGGCCGCTCTAGAACTAGTGATCCCCCGGGCTGCAGGAATTCGATAT
CAAGCTTATCGATACCGTCGACCTCGAGGGGGGGCCCGGTACCCAGCTTTTGTTCCCTTT
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>SEQUENCE:5050:prostate_MPM2000-004P4Novel007_8Table3

ACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGACGTCCGGATGACAT
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TACAACCAGACATTTGCACTCAAATAAGGAGGTGCTGCCGTATACTTATCCGTTGCTGGA
GGCAGCATGAATGGGAACCAGACACAGCTTGGAAGCAATCGGGTAACAGAGCGCCAACC
CTGTACCTGCCCGGGCGGCCGCTCTAGAACTAGTGATCCCCCGGGCTGCAGGAATTCGA
TATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGCCCGGTACCCAGCTTTTGTTCCC
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ATTGTTATCCGCTCACAATTCCACACAACATACGAGCCGGGAGCATAA

>SEQUENCE:5052:prostate_MPM2000-004P4Novel007_8Table3

CTATAGGGCGAATTGGATCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTTTTTT
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CGCTTTCTTAATTGGTGGCTGCTTTTAGGCCTACTATGGGTGTTAAAATTTTTTACTCTC
TCTACAAGGTTTTTTC

>SEQUENCE:5053:prostate_MPM2000-004P4Novel007_8Table3

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ATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACAGAAGTAGAAGGCCCAAAT
GGAGAGATAAATTATAATGGTAACCTTGATTGTGACAGAGCTTCTTTCTTCATATTTGCA
TTCACAGCGTAGACAGTATGCTTCTACATCAGGCCCGCCGACAGGCATGGGCTCCACAAC
ATGAAGGCAATCACAAATCTTTTCTGAGAAATGTTCTTATTATAAATATTGCCCAGAATT
TTCTTTATAGGGAGGGCAGATACATTTACATCTGACATCCTCGAAATTCTGCCGCCACG
CGCCTCCTGACCACAGCCCCCGTCGGCTTTCTAATTCTGTGAGCTGCCCTCGTGGGCGTG
GCCTCCCCCGCGTACCTCGGCCGCTCTAGAAGTGTGGGATCCCCCGGGCTGCAGGAAAT
TCGATATCAAGCTTATC

>SEQUENCE:5054:prostate_MPM2000-004P4Novel007_8Table3

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGAGGAGAGGCAACATACT
C

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CTTGGTCAGAGCCAAATCCTGGCAAACGCTGCCTGACCTTCACTCTGTGGTTGGGGCAGT
GAGAACCACTGAGGTCCAATGATGAGACTTGGAGGTCTGGATCCAGTCTCTCTTTGTTTT
AATGTGACTTAGGTGCTGTCAACATTAGCAAGATAATGGAAATCACGACGCCAGTGGGTG
CTTACCTCCCTGCTAGGCATGCAGGGGCTGGCGGTTGGCAGGGGAAGGAGGCCCAGTGA
G

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CTTGTGGCAGTGCCAGTGTTCCG

>SEQUENCE:5055:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTT
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AACTCCTGACCTCGTGATCCGCCCGCCTCGGCCTCCCAAAGTGCTGGGATTACAAACGTG
AGCCACCGCGCCTGGCCTTCTTGGTTTTCTTGGCTTCAATCCTGGGAACGCCTGAATC
AACAGGCGGACATCTGTCAAACCTTCTAGCAACTACGCCTGCGGATGGCCAACCTGACC
CTGGAAGACAGTGGGGTTTAGTTAAGCACAGATTGGACTTTNTTTTTTTTTTTTTTTTT
TGGGGTTTTTGTAGTTTATATCCTTCTTTTTTTTTTTTTTTTTTTTAGGGTTGGAAT
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>SEQUENCE:5056:prostate_MPM2000-004P4Novel007_8Table3

GACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTTTT
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GGCAATGTTGCTTAAAGGAAGACAAACAAACATAAAAGATTCCGTTGACAATGCATTTT
TCATCTGTTTCGGCACAATGCTTTTGTGATAATGGAGATGTGACAGCAAACCTTCCAGGAC
ATTCAGTCTTCGGCGGCAGCACTTAGGGCAGATGACTGGCCGCTTATAGATGAGGCCAAA
GCACCAGGTAGGTGGAAGGTTCTTGTATCGGTTTGAACCCCGACAGCGCGCCAACAGACA
ACACGAGGCAGTGGGGAGCAACATGCTGTTTAAATGAGCGCCTGGGTG

>SEQUENCE:5057:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGAGAAC
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GGACTTTGCTGAGCAACTGAAGTGGAGCGCAGAGCTTGCTCGCTTAGGAGAGAGCATCAT
GGATGGCAAACAAGGGGGCATGGATGGGAAGCAAGCCCGCGGGGCCAAGGGACTTTCCT
G

GCATCAGGCTTCTTTCAAACCCATTGATGGGCGATGCTGTGTCTGATTGGTCTCCTATGC
ATGAAGCTGCAATCCACGGACATCAGCTGTCTCTGAGGAACCTCATCAGCCAGGGGTGGG
CTGTGAACATCATCACGGCAGATCATGTTTCCCCACTCCATGAAGCCTGTCTTGGAGGTC
ATCTCTCTTGTGTGAAGATTTTATTAAAGCATGGAGCTCAGCACGGAGCCAGCGTTCAAC
CTGA

>SEQUENCE:5058:prostate_MPM2000-004P4Novel007_8Table3

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTAC
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AGTAAGGCAATGTTGCTTAAAGGAAGACAAACAAACATAAAAGATTCCGTTGACAATGCA
TTTTTTCATCTGTTTCGGCACAATGCTTTTGTGATAATGGAGATGTGACAGCAAACCTTCC
AGGACATTCAGTCTTCGGCGGCAGCACTTAGGGCAGATGACTGGCCGCTCAGATTCTCTA
TCTTGTTCAGGACAGTGGAAAAGCTTATAGATGAGGCCAAAGCACCAAGGTAGGTGGAAG
GTTCTTGTATCGGTTTGAACCCCGACAGCGCGCCAAC

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>SEQUENCE:5059:prostate_MPM2000-004P4Novel007_8Table3

GCCCTCTAAAGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGGCTTA
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>SEQUENCE:5061:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5082:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:5091:prostate_MPM2000-004P4Novel007_8Table3

GGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACCTTGATGGCTGTTTG
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TCTCCAGAGGACAGCTGGGACTGCCCCGCGTACGCGGGGAAATTGAGTCCTTCTATGAAG
GAGAAGACTTTTCTGAGACCCTGACTCGGGCCAAATTTGAAGAGCTCAACATGGATCTGT
TCCGGTCTACTATGAAGCCCGTCCAGAAAGTGTTGGAAGATTCTGATTTGAAGAAGTCTG
ATATTGATGAAATTGTTCTTGTTGGTGGCTCGACTCGAATTCCAAAGATTCAGCAACTGG
TTAAAGAGTTCTTCAATGGCAAGGAACCATCCCGTGGCATAAACCCAGATGAAGCTGTAG
CGTATGGTGCTGCTGTCCAGGCTGGTGTGCTCTCTGGTGATCAAGATACAGGTGACCTGG
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>SEQUENCE:5092:prostate_MPM2000-004P4Novel007_8Table3

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AAGCTTCAAAATCCTAAGACTCAGCACTGTTGCGGGGAGCACAGGGATCAGTTGTCCTTG
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TTTGAATTATTTTCTGATGTGTGCCCCAAACATGCGAGAACTTTCGTTGTCTTTGTACC
TGCCCCGGGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAG
CTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTG
AGGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTA
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>SEQUENCE:5093:prostate_MPM2000-004P4Novel007_8Table3

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CTGAGTCCAGGAGTTTGAGACCAGCCTGGGCAACAAGGTGAAACCCTGTTTCTATCAAAA
AAAAAAAAAAAAAAAAAAGGAAAAAAAAATAAGTCAGGCATGGTGGTATGCACCTGTGGTCTCA
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>SEQUENCE:5094:prostate_MPM2000-004P4Novel007_8Table3

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AATAACTTTAGTATAAGCCTCTCAGCTGACAATGACCCAAGGACTGTTTCAGCGGCCCCAGG
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CAGCAGCAGCACAGCACTCAGGGCTCGGTGTCCACCTCCCTGCAGATCACTTTCTCCCTC
ACTGGAATCAACCGCAGCACTTGGAGTCTACTCATGGAGTAGAACTTCTTTATGGGGTC
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>SEQUENCE:5095:prostate_MPM2000-004P4Novel007_8Table3

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ACGAACTTTGCATTCTTTCATTAGCAATGCAGTGGCTCCTTTTCTTAAGTCCTACATTA
GAGAGTCTGGCAAGGCAGACAGGGATGGTGATAAAATGGCTCCTTCAGTTGAAAAGAAGA
TTGCAGAACTCGAAATGGGACTCCTTCACTTGCAGCAAAATATTGAAATTCCGGAGATCA
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>SEQUENCE:5096:prostate_MPM2000-004P4Novel007_8Table3

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GACAGCTTTTTCAGGATTATTGAGGTGATCCACATAGATGCGGATTACACTTTGCCACTG
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GGCATACTGCAAATGGATCTTAGGAGAAGAAACGTGGGGCAGAAGATCACCAACTGTTGC
CCAATTCTTAGAGCGGATGTAAACAGATGCTGCTTTATCGTAGTAGAGACCTTTTTTCATA
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>SEQUENCE:5097:prostate_MPM2000-004P4Novel007_8Table3

GACTCACTATAGGGCGAATTGGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACTTT
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TGATGCAATGGTCTCCTGAGAGTGAGATCACAGAATCTTCAATAGACACATCGNGCCACA
CCATCTTTGTCAGCAGTCACATTGCCCAAGTCTCCAACATGCCTCTCTTCATCCTTTGGC
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GAGCCTCCTACCTCTGCTGGAAGCCCAGATCCCATTTGTGTGCCAACCTAGTACCTCGGCC
GCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCG
TCGACCTCGAGGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCG
CGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATT
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>SEQUENCE:5098:prostate_MPM2000-004P4Novel007_8Table3

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CCTTATCGTCACTATGAGAAGACGGAAAAAAGAGCCCCTTATTTTTGACGAAGAAAGAGA
CATCAGAGAAAATATTGTGAGATACGATGACGAGGGCGGGGGAGAGGAGGACACGGAAGC
GTTTGACATGGCTGCACTGAGAAACCTCAACGTCATCCGAGACACCAAGACCCGGAGGGA
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>SEQUENCE:5099:prostate_MPM2000-004P4Novel007_8Table3

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TTAGGATGGGGTGTGATAGGTGGCACCCCGCGTACTGCCAGCTCAGGGCAGCCAAAAGCA
TGACAAACGACAGGTAGATGGGGGAGTAGTGGCTTCGGGAAATCAGCCGACAGTTGGGAA

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GATTCTGCGTCCGGATGGTGGAGATGATCTGCCTTGTTTTGCTAGAAGATGGGTCTGAGT
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>SEQUENCE:5100:prostate_MPM2000-004P4Novel007_8Table3
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TCTCTTCTGTGGCACAGAGAACCCTGCTTCAAAGCAGAAGTAGCAGTTCCGGAGTCCAGC
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>SEQUENCE:5101:prostate_MPM2000-004P4Novel007_8Table3
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GCTTCCTCTCAAGATCAAAAAATTTATTCTGGGGAAAAATCCTATGAGTGTGCTGAATTT
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CGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCCTCTAGTGAGGGTTAATTGCGCGCTTGG
CGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATTCCACACA
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CATTAATTGCGTTGCGCTCACT
>SEQUENCE:5102:prostate_MPM2000-004P4Novel007_8Table3
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CCTGAATACAGACTAGATCAGAGATTTTATTTTTTTAATTGAAAAGGTACTTGGGTTCTC
TTTAGAAACCCTTATTTGGTGTGCGCATCTGGCTATTGCACAGAGATGTCATCTTATGCG
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GTTGCTCAGCATAGACAGGGGAAAAAACGGGTACGGATGAGACTGAAAGAAAAAC
>SEQUENCE:5104:prostate_MPM2000-004P4Novel007_8Table3
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CCGCCAGCGCAGCCTCAGAGTTTGATTATTTGCAATGTCAGGCTTTGAAAACCTTAACAC
GGATTTCTACCAGACTAGTTACAGCATCGATGATCAGTCACAGCAGTCCTATGATTATGG
AGGAAGTGGAGGACCCTATAGCAAACAGTATGCTGGCTATGACTATTGCGAGCAAGGCAG
ATTTGTCCCTCCAGACATGATGCAGCCACAACAGCCATACACCGGGCAGATTTACCAGCC
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GCCCCCTTTA
>SEQUENCE:5105:prostate_MPM2000-004P4Novel007_8Table3
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ACAAAATATGGTCATTGGAATCTTATTAATAATTATCTACAGGTGACTTCAGTTTCCATT
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CGCCAGTTATCAAAAGTAATCACATCACCTGGATTCTTGAAGGTAACTTGGATTCT
TTGCTGTTTATGAGGTCAACAACTCCTTCAGAGCAGCATAAAAAGGCTGAACTCTTTCA
ACAGGCACATCAAATATTGTGTCCCTAGTTGCGTTATTGAAGTTGATGCGAACCCTTGG
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>SEQUENCE:5106:prostate_MPM2000-004P4Novel007_8Table3
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GAGATTGCTGGCAAACTGTGAAGTCCCACCCTGGGGTCTCAACCCCAACTCCACTGAGG

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GCAGCCTCCCTGACCGGTGTGACTAGGCAGTAAGGGTGGCGGTTGATGGCGGCCGCTCTA
GAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACC
TCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTG
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>SEQUENCE:5108:prostate_MPM2000-004P4Novel007_8Table3

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AGACCCTTGTTGTTCTACAGAGGTCCCCTAAACTGTCTTTTATTCTGGTGTAGTCTCTAA
AACCTCATTAAGAGGGAGGGGAGAAAATTTAGTCTTACCAGAAATGCTCTGCTTTTTAGT
AGCCATCAGTTTTAGGTCTTCTTTATGTAACCTCAGAAGTTCATCTTTTCCATTTGGTAA
CCACTTTTTTCCACTGTTCTCGCAACTGTTGTAATAGAGCCCCAATTTCTTTTCTGAA
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>SEQUENCE:5112:prostate_MPM2000-004P4Novel007_8Table3

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CTCCCCTTCAAAGGTTCCAGAGTAAACAAATGGTGCCATCATTCAAGATAACGTGCTGAT
CACCCTCCTCCCAAAAAGCAAGAGCTTGTTTATGGTTGAGGAATCGGCGGGATTGTCTGA
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>SEQUENCE:5113:prostate_MPM2000-004P4Novel007_8Table3

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CAATCTCCCCTGAAGACTTCTTCATCTTCTTTAACTGAGATTCCAAAGTACGCGGGGAGT
GAACTGAGGGCCACCCTGGGAGGAAGCCGACTAGGCGAATTCATTACTGACCGCGCCTG
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>SEQUENCE:5114:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5115:prostate_MPM2000-004P4Novel007_8Table3

TACTATACGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACGCGGGA
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TTCCCGTTCTTCATGGATTTGAAGGCTCTCCTTTCTTCTTGAATGACTTTGCATCCCT
CTCGTTTGCTTAAGAGTTGGGACAAATGTTGGATTAAGTGGTGTGAACCCAAGCTCCACC
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>SEQUENCE:5116:prostate_MPM2000-004P4Novel007_8Table3

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CAGCGCCCTGGCCCTCATCATCCACCGCTCCTGGAGGTCACCACCTTCTACTCAGAGGG
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>SEQUENCE:5117:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5118:prostate_MPM2000-004P4Novel007_8Table3

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AAGGCTGTCAACTGCTGTGTGTTAAGGTGCTTCTTCTGCTTCCTATAGAGTTCAAGGTAG
GACTCATCCGTGAAGATAGGTTTGATGAATTTCTTGAGGCAGATGTCCCTGCTCCGTTGC
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TTGTCATAGATATATAGCAGGTAATGGGTGTCGTCCCGGGCGTAGCTGAGCATCTCCTCG
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>SEQUENCE:5119:prostate_MPM2000-004P4Novel007_8Table3

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GTGCAGGACGGGGGGCTAATAGTAGGTTTCCTTCTCCACCCAGCCGCCAGGGCGTCGCCT
GATGATGAGTTTTCTGACTTCGTCATATACGAAGATGAGAAGAGAGTAGGGGAAGGCACA
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GGAAAGGAAAGCAGCCAGGGCTGTCTCTTCAAAGAGGCCAAATATCAAGATCTTGTTCTT
CATCCCCTGCTGGAAGACCGAATTCCTCCTGGTCTTACAGATGACCAAGTCGGCCCACTG
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>SEQUENCE:5120:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5121:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5122:prostate_MPM2000-004P4Novel007_8Table3

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GGCTGTGTTACAAGTGACTCTTCCTTAGACAGCTAGAAAGATGCTGACTTTGTCAAACCT
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>SEQUENCE:5123:prostate_MPM2000-004P4Novel007_8Table3

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GAGCGAGAGTTCTTTGTCAAGTGGGTAGGACTATCCTACTGGCACTGCTCCTGGGCCAAG
GAGCTTCAGCTGGAAATCTTACATTTGGTTATGTATCGAACTACCAGCGGAAGAATGAC
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>SEQUENCE:5124:prostate_MPM2000-004P4Novel007_8Table3

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CCAGAGGGTGGGAGGAGGAATGAGTAACTGCTTAATGGGGATGGAGTTTCTCTGGGATG
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CATCACTAATGATAAATCTGACGTTATGCATACGTCACCACAGTAAACATACCCCTGCAG
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>SEQUENCE:5125:prostate_MPM2000-004P4Novel007_8Table3

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TAAATGGGAAAGCTTGTGTATGAAACCAAATATTTTCATCATCACTTATTTTCTATCC
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AAATTTAAAAAAGATGGCTTTAAAATGTCCTATATGTTGGCAGTCCTCCCCTGAAAATT
TTTTGGCTTATCTTTGGTTCTGAGCTACAGTCTTCGCAGAGACTAAATTAGTGAAGTGGCC
ACCATAAAAAAATTGCCCTCCTGGCTAAAA

>SEQUENCE:5127:prostate_MPM2000-004P4Novel007_8Table3

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AGGGGAGAATCGCCTGTCAAACCTCCCGCTGAGCCAGGATTCCTCCCTGTCCAGGTGCACT
GGTAGAGCCAATCACAACGGGCCCCATCCTCCTGGGCCAGGTAAGTAATTGTTGCCGAGGT
GAAGTTGACCCGCGTACCTCGGCCGCCCGGGCAGGTACGGCCAGGGCTATTGGTTGAATG
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>SEQUENCE:5128:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5129:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5130:prostate_MPM2000-004P4Novel007_8Table3

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GCCATCATCGACCGCGAGACCAAGAACGACCCGGCCGCTCTAGAACTAGTGGATCCCCCG
GGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTA
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GCAGCATGAATGGGAACCAGACACAGCTGGAAAGCAATCGGGTAACAGAGCGCCAACCT
GTACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCT
TATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAG
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>SEQUENCE:5132:prostate_MPM2000-004P4Novel007_8Table3
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CGTCACTCTAGTAACAATAAAAGCCACTGGATTTTGTCTTCATCAAATGTGGCACCTTGT
GAACCACCTTTCTTAAAAGTATTTATTTTAACCTTTAAAAATTTCTGCCAAGTAGAGCTT
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>SEQUENCE:5133:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:5134:prostate_MPM2000-004P4Novel007_8Table3
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CCGCTTCAGTTCTCCCGGTGTGGCCACGAGTCGGTAGCCATCCTAATGGATATGGGTTGG
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>SEQUENCE:5135:prostate_MPM2000-004P4Novel007_8Table3
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TAAAAATTCAGAAGCTTGTCACCTGTTAATGGGAGGATCAGTCACACATGTGTAGTAC
TCTGCTATGGTGCTGGCTTCTTTAACTCAGGATAGATGCCAGGTGGGCTCCGTTTCCG
TAAGACTGACACTCGAGCTCGGCATCAGACCAGTTCTCAGCTTCTGAAGTAACCATAG
CAATTGGACTTGTTGGTAAACCATCCAGGAGCACAGCTGGGTCTCATGATGATATCACCC
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TTCTTGTTGAGGGAGAAGATCATTTAGATTTGTTTTGCATTCCTTAGAATGGAGGGCAAC
ATTCCACAGCTGCCCTGGCTGTGATGAGTGTCTTGCAGGGGGCCGGAGTAGGAGCACTGG
GGTGGGGGGCGGAATTGGGGTTACTCGATGTAAGGGATTCTTGTGTTGTGTTGAGATCC
AGTGCAGTTGTGATTTCTGTGGATCCCAGCTTGGTTCCAGGAATTTTGTGTGATTGGCTT
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>SEQUENCE:5139:prostate_MPM2000-004P4Novel007_8Table3

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TACCGGAAGTGGATCAAGGACACCATCGTGGCCAACCCCTGAGCACCCCTATCAACTCCC
TATTGTAGTAACTTGAACCTTGGAAATGACCAGGCCAAGACTCAAGCCTCCCCAGTTC
TACTGACCTTTGTCCTTAGGTGTGAGGTCCAGGGTTGCTAGGAAAAGAAATCAGCAGACA
CAGGTGTAGACCAGAGCGTTTCTTAAATGGTGTAATTTTGTCTCTCTGTGTCCTGGGGA
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AAGTGGTCTGCCACCTCGGCCTCCCAAAGCACTGGGATTACAGGCATGAGCCACCATGCC
CGGCGCATCACTCTTTTAAATTTTTTTTTTAAAGTTGCTTCTTCCATTGAGGCCTAAGCTG
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AGCAATCTTCCAGTAAATCAGCTTTTTCAGTCTAAACATACCAGTCATCCTACTTGAAAGA
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TATATCCCTCACATCCCACAGTGGCACCTAAGCATCATGTCCCTCTAACACGGCCCTTCA
ACTTTGCTTACACAGGTGTCTTCAGTGCCCTGGGTTTGCCTGTGACCCAATGCCCACTGG
GACTGAATGCCAAAGGACTCCCTTTAGGCATCCAGGTTGTGGCTGGACCCTTTAATGATC
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CAGACGCAGGATGGCATGGGGGAGGGCATAACCCCTCGTAGATGGGCACAGTGTGGGTGA
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CCCGTCACCGGAGTCCATCACGATGCCAGTGGTACCTGCCCGGGCGGCCGCTCTAGAACT
AGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAG
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>SEQUENCE:5144:prostate_MPM2000-004P4Novel007_8Table3
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GGTATGCTTTATCCTGGTGTTCCTCAAATGCTCTGATTTGTCAGAGTTGTTGCCTGTGAA
TGGGAGGATGGACCAGCTGGGATTAGCCTTTGCGCTGTCCTTGGAAGGAACCATTTTGGG
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GGCCTCGGCCTGGCTATCTGAGTTAAAGCGAAGCTGACAGACATTACAAGAAATAACTTG
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>SEQUENCE:5145:prostate_MPM2000-004P4Novel007_8Table3
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TTGGTCATGAAGGAGCCGCATGGCTGTTTCGAAAGAGTCTGCCAGGATGTGATCAACTGG
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>SEQUENCE:5146:prostate_MPM2000-004P4Novel007_8Table3
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GCAATTGTCTCAGCTTGGGACCAAAGTATTTACAAAGCAAGCGAACAAGAGACGAAGCAA
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GAGGTGGGGAAAAAAGTAGGACCCCTGTCCTATATTCAGGTTTTTCTCACATATATGAAC
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AGAAGTATCACTATATACGCTGAATATAGAGGTAACCTCCAAGACCATGAATATTAAGAT
TAAGGGCAGTTACCTTTATATTTGAACCAAGGATAGTGGCATATAGCAACCTCATGTGTG
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>SEQUENCE:5152:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5153:prostate_MPM2000-004P4Novel007_8Table3

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GAAAGTCACAGATGGGAAAGGACACTCTCTCACAGCAGCTTTGCTCCAGTCACCAAGCCC
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GCCCTTCCTTCTGTGCCTGCCACTTCCGGGTTGGTGCTTTACAGCGCTTGAAGGGAGAAC
AATGTTCTGTAGTCTGCAACACACTCCAGACCATGTTGACGCTATGATCACTATGTTTGC
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>SEQUENCE:5154:prostate_MPM2000-004P4Novel007_8Table3

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TGTCAGAGCCTGCCGAGCTCACGGATGCTGTGAAGGTCATGGACCTGCCACCCAGGAGC
CAGCACTGGGGACCACCTGCTACGCCTCAGGCTGGGGCAGCATTGAACCAGAGGAGTTCT
TGACCCCAAAGAACTTCAGTGTGTGGACCTCCATGTTATTTCCAATGACGTGTGTGCGC
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GGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATC
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>SEQUENCE:5155:prostate_MPM2000-004P4Novel007_8Table3

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GTGTGTTGAGAGCTTCTCAGACTATCCACCTTTGGGTGCTNTGCTGTTCTGTGATATGAG
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>SEQUENCE:5156:prostate_MPM2000-004P4Novel007_8Table3

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AATTGCCCAGCTAGAAGGCAGGACACATTTGCCAGCAGGGGGCCGTTTGCCCCCATGTGT
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>SEQUENCE:5157:prostate_MPM2000-004P4Novel007_8Table3

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GAGTTCCTCACTGGTCTCTTTACTAAGGAGTTTTTCTTTTTCATAAAAATCTTGGCTTTT
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>SEQUENCE:5160:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5161:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:5162:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:5163:prostate_MPM2000-004P4Novel007_8Table3
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GCAGCCCTGGATGGTGGCCAGAAATAAAGGGACCAGCCCTTCATGGGTGGTGACGTGGTA
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CCTTGGTGCGAGGGAAGCAATTGAAAAGGAACTTGCCCTGAGCACTCCTGGTGCAGGTCT
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TGACCCTGCT

>SEQUENCE:5166:prostate_MPM2000-004P4Novel007_8Table3

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TTGAAAATTTGTCTGCATGTTAATGCCTCACCCCCAAACCCTTTTCTCTCTCACTCTCTG
CCTCCAACCTTCAGATTGACTTTCAATAGTTTTTCTAAGACCTTTGAACTGAATGTTCTCT
TCAGCCAAAACCTTGGCGACTTCCACAGAAAAGTCTGACCACTGAGAAGAAGGAGAGCAGA
GATTTAACCCTTTGTGAGGCCCATTTGGATCCAGGTCTGCTTTCTCATGTGTGAGTCAG
GGAGGAGCTGGAGCCAGAGGAGAAGAAAATGATAGCTTGGCTGTTCTCCTGCTTAGGACA
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>SEQUENCE:5167:prostate_MPM2000-004P4Novel007_8Table3

CACATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGGCAGGTACGCGGGG
A

GGCATTGAGGCAGCCAGCGCAGGGGCTTCTGCTGAGGGGGCAGGCGGAGCTTGAGGAAA
C

CGCAGATAAGTTTTTTTCTCTTTGAAAGATAGAGATTAATACTACTTAAAAAATATA
GTCCAATAGGTTACTAAGATATTGCTTAGCGTTAAAGTTTTTAACGTAAATTTTAAATAG
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>SEQUENCE:5169:prostate_MPM2000-004P4Novel007_8Table3

ATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTCCAGACATGGATGGTTCACTTTCCA
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TATAATATAATCTGTTTTATTTTACACTTCTCTGATTATTGAAATCTAAATAGAGGTTTT
TGCTAACAAACAAAAAGGATAATTAAAAGACAGCAAGGACACGATTAAATGTTGAGTGCA
AATGAAGGGTTGTATGAGGCCCATCCTGGGGAGGCTGTACCTGCCCGGGCGGCCGCTCT
AGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGAC
CTCGAGGGGGGGGCCCGGGACCCAGCTTTTGTTCCTTTAATGAGGGTTAATTGCGCGCTT
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>SEQUENCE:5170:prostate_MPM2000-004P4Novel007_8Table3

CGTAATACGACTTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAG
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ATGCCAAGACAGAGACTGCGGTCTTCAAAAGTGAGGAAGGGAACTGTCTACCTCTCAAG
ATGCTGCTTGTAAGACGCCAGAGGAGTGTNCCCGAGACTGCAGAGGCGAAGTGCGCGGC
GCCAGGCCTCCAGCAGCAGTCCCGAGCAGAGGACTGGCCAACCAAGCGCACCAAGGTG
A

CACTTCAGTGAATGGCCCTGTATGACGGGTGACGTCTGCTGCTGCTGACTGAGGACTGCA
GACCGCCACCACTCAGGGGCTCTGGAGGGGTCAGCTGGAGCCCACCAAGCTGTCACTGCT
GCACTCACTCTGCAAGGGATCAGGACCAGCAACCTTTATATTCTAGATTCTAAGACATTG
TACCTGCCCGGGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATAT
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>SEQUENCE:5171:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGAGGGG
C

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TTGGGAAAGCTGGTGCTGCTGCTGCCTGATTCCCGCCGACAGACCTTGGGACCGGGGCCA
ACACTGGCAGCTGGAGATGGCGGACACGAGATCCGTGCACGAGACTAGGTTTGAGGCGGC
CGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACC
GTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGC
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GATTTCAAGAAAAGCTTCCTAGCTTATCTCCCTGCTTCATATCTCTCCCTTCTTTACCTTC
ATTTATCCTGTTGGCTGCTGCCACCAATCTGTCTAGAATCCTGCTTTACAGGATCATG
TAAATGCTCAAAGATGTAATGTAGTTCTTTGTTCCCTGCTTTCTCTTTCAGTATTAACTC

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TCCTTTGATATTATGTGGCTTTTATTTTCAGTGCCATACATGTTATTGTTTTCAACCTAGA
AACCTTTATCCCTGCTTATCTGAAACTTCCCAACTTCCCTGTTCTTTAAGACTTTTTTTT
TTTTTTTTTTGAGACAGAGTCTCGCTCTGTGCGCCAGGCTGGAGGGCAGTGGCACGATCT
CAGCTCACTGCAAGCTCCAACTCCCGGGTTCACGCCATTCTCCTGCCTCAGCCTTCCAAG
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>SEQUENCE:5173:prostate_MPM2000-004P4Novel007_8Table3

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AATGCTAGGGGTGTTGGTTACTACTTGTATTGCTTTTAGGCATTTCCAGGAGAGAGTGC
TAGAAAATATTTTTACTAAGGTAAAAAATAAATTATGAGCCAGGAGTGGTGGTGGTGT
ATCCCAGCACTTTGGGAGGCTGATGCCAGTGGATCACCTGAGGTTGGAGTTCAAACCAG
CCTGACCAACATGGAGAAACCCTGTCTCTACTAAAAATACAAAATTAGCCGGGCATGGTG
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GAGGT

>SEQUENCE:5174:prostate_MPM2000-004P4Novel007_8Table3

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TCCTCCTACCCTCGCCATGTTTCTTACCCGGTCTGAGTACTCGGGATTGAAAAACTTTTT
GAGCGTTATGGTGAAAATGGAAGATTATCCTTTTTTGGTTTGGAGAACTTTTAACAAAC
TTGGGCCTTGGAGAGAGAGAAAAGTAGTTGAGATTAATCATGAGGATCTTGGCCACGATCAT
GTTTCTCATTTAGATATTTTGGCAGTTCAAGAGGGAAAGCATTTTCACTCACATAACCAC
CAGCATTCCCATAATCATTTAAATTCAGAAAATCAAACCTGTGACCAGTGTATCCACAAAA
AGAAACCATAAATGTGATCCAGAGAAAGAGACAGTTGAAGTGTCTGTAAAATCTGATGAT
AAACATATGCATGACCATAATCACCGCCTACGTCATCACCATCGTTTGCATCATCATCTT
GATCATAACAACACTCACCATTTTCATAATGATTCCATTACTCCAGTGAGGCGGGGGAG
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CCGAAAGGA

>SEQUENCE:5175:prostate_MPM2000-004P4Novel007_8Table3

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ATTACCCCTCCTCCGTTTTTACCCTTCTCCGGACTTCGCGTAGAACCTGCGAATTCGAA
GAGGAGGTGGCAAAGTGGGAGAAAAGAGGTGTTAGGGTTTGGGGTTTTTTTTGTTTTTGT
TTTGTTTTTTAATTTCTTGATTTCACATTTTCTCCACCCCTCTCGGCTGCAGCCAACGC
CTCTTACCTGTTCTGCGGCGCCGCGCACCGCTGGCAGCTGAGGGTTAGAAAGCGGGGTGT
ATTTTAGATTTTAAGCAAAAATTTTAAAGATAAATCCATTTTTCTCTCCACCCCCAACG
CCATCTCCACTGCATCCGATCTCATTATTTCCGTGGTTGCTTGGGGGTGAACATTTTGTG
GCTTTTTTCCC

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TGAAACTATTAAATATTGTGGAACCTGGGCACAGTGGTGGCTCACGCCTGTAATCCCAGCA
CTTTGGGAGGCTGAGACGGTTGGATCACTTGAGGCCGGGAGTTTCGAGACCAGCATGGGCA
GCATGGCAGAACCCCATCTCTTTCTTTTNAAATTAAAAAAATAAATAAGTACCTCGGC
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>SEQUENCE:5178:prostate_MPM2000-004P4Novel007_8Table3

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AGCGAGACCACGAACCCACCCAGAAAGGAAGAATCTGTGAACACATCCGAACATCAGAAGG
AACAACTCTAGACATGCCGCCTTTAAGAACTGCAACACTCACTGCGAGTGTCCGCGGGCT
TCATTCTTGAAGTCAGTGAGACGAAGAACCCACCAATTCCAGACACATTTTGGCGACCTA
GATGGGACAATCGCCTATCACCGAGTGGTGAGACCATCGCCTATAGCTGAGCGGCGAGAC
AATCACCTATCGCCAAGCAACAAGCAGATGAATGGTGAAACGATACAGCAGAGAAAGAGA
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ACCCAGCAGGAAGATTATCTTCCCGTGCG

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>SEQUENCE:5179:prostate_MPM2000-004P4Novel007_8Table3

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AAGAACTCTGTGCAGAGTGGAGAATCAGATAGTGATGAAGAAGAGGAATCCAAAGAGCCC
CCTATCAAGCTTCCAAAGATTATTGAGGTTGGCCTTTGTGAAGTTTTTGAATTGATCAAA
GAGACACGATTTTCTCATCCATCCCTGTGTCTCAGGAGTCTCCAAGCCCTGCTCAACGTG
CTGCAGGGCCAGCAGCCAGAAGGCCTCCAGTCTGAGCCACCTGAGGTCCTAAAGACTCTC
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>SEQUENCE:5180:prostate_MPM2000-004P4Novel007_8Table3

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CAGAAAGTCCACGTGATAGAGAAACCATACAAATGTAAGCAATGTGGGAAAGGTTTCAGT
CGTAGATTAGCACTTAATGTTTATTGCAAGGTCCACACGGCAGAGAAACCTTATAATTGT
GAGGAGTGTGGGAGGGCCTTCAGTCAGGCCTCTCATCTTCAGGACCATCAGAGACTCCAC
ACTGGGGGAGAAGCCATTCAAATGTGATGCATGTGGTAAGAGCTTCAGTCGGAATTCACAT
CTTCAATCCCATCAAAGAGTTCATACAGGAGAGAAACCATACAAATGTGAGGAGTGTGGT
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>SEQUENCE:5181:prostate_MPM2000-004P4Novel007_8Table3

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T
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TGAAAAGATTTGTTCTTTTTTTTCGGCTGAGATCCTAGCTGGGGCTGGGAAACTCCTGCA
CAACTCTAGACCAGGAAGCCAGCCCGTACCCCAACCCCAACCAAAGCCACCTGCTCTTCT
TCTGTGGGAGGCCAGTCCACATTCGCTCTCACCCGAGAGAGATATTCAGCTGGATCCAAA
ATGACTGATCAAGGGAAGGAAATCATGTCAAGCGAAGCCTTGAAAAAGCTGCCCTG

>SEQUENCE:5182:prostate_MPM2000-004P4Novel007_8Table3

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T
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TGAAAAGATTTGTTCTTTTTTTTCGGCTGAGATCCTAGCTGGGGCTGGGAAACTCCTGCA
CAACTCTAGACCAGGAAGCCAGCCCGTACCCCAACCCCAACCAAAGCCACCTGCTCTTCT
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ATGACTGATCAAGGGAAGGAAATCATGTCAAGCGAAGCCTTGAAAAAGCTGCCCTG

>SEQUENCE:5183:prostate_MPM2000-004P4Novel007_8Table3

GGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACGGTGATATTGGCGG
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GATAATGTTGTAGCATTGAGGGTGCATTGAGTAAAAAAATGTAGAGATGGTTTCCTGTT
TGTTTTTGCTTCTAGTTTTTATTGCTATTTATTCTCTTCTGGCTTTGCTTGTGTA
TGCATATATATAAAACCATTTATTATTATCATTATGCTTAGTATCTAGTGGAAGGCTT
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>SEQUENCE:5184:prostate_MPM2000-004P4Novel007_8Table3

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AGGAGAAACAGAAGGATGTGCCCGAGTTCCCGAGGTTGGTAGAGTGTTCTGGGGGATAA
GGGAAGCCCAGAAAAAGCACACGTGTGAGTGTTCCACCCCAATTAACCACCATACACA
AAAACCCAAACACTCTATCCTTTTATTCTTCCCAGGCTATTGCAGGAAAGGTCTTGTTT
CCCAAACGCTGTGCCTTTCTCCTCTTGCCCTCAACCCTGGAGGGGCCCAACTACACAAGT
GGCTTATTTGGAGAAGGGAATGAGGTTGAATAAAGAAAGCTCAGCTTCCAGAACACCACA
CTCTCTTGGTTTTCTCTGACCTTAAGGTAACCTCTCAGTCCTTTGGCTGATTTCCCA
TTTCCCAGAGAGCCCAAGGGCTCCATCCATGGCTCTTTTCTGTTGCTTCTCAGTAATACT
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>SEQUENCE:5185:prostate_MPM2000-004P4Novel007_8Table3
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TACGACCGGGCCCTGCAGCTCCTCGTCAACTACCACAGCTGTAGAAGAAGCTGGCCCGAA
GTCTTCAATAACTTGAAGCCATCAGCCTTAAAGATGTCCTTGCTTCCGGGTTCTCACC
GTGCTGCCCCACACTGACCCAGGGGCTGCCATGTCGTCTGCATCCGCCCAGACAGATGG
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>SEQUENCE:5186:prostate_MPM2000-004P4Novel007_8Table3
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CTGGTGCAACTACATTCACCTCTAATTTTCTTTCTTGCTACCTCTTTAGCAAGAGCACGTG
AAAATCCAATAATCCTCCTTTACTGGCACTGTAAACGGACTGGCCAGAGTTGCCTTTTA
AGCCAACAATGCTTCCTACATTAACAATAGACCCTCCCTGTTGTTGAATCATAGTCCTCA
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>SEQUENCE:5187:prostate_MPM2000-004P4Novel007_8Table3
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CTCACGGGAGAGTTGCGGAGAGAGGGAATGCGTTCAGTTCAGCCAGCGGACGGCCAGGG
G
TAAGCGGCCCTAGTGGGTCACATGGCCTATGATGTCTGGAGACCGCAGATCTTCACCCT
CTGGAGTCTCATTTGCAGAGTCTCATTTGTGCTCCGGTCACTGTGGCCACCTCACCTCG
TCACCACGGGCTTTCTGTGCGGTGCTCACTCTGACACTGAGATGCTGCCAGGCAGTTT
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>SEQUENCE:5188:prostate_MPM2000-004P4Novel007_8Table3
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TTGTTAGCCTTTTTCCATTTCTGGCCAGTAAGTAATCCCGTTCCTGACAACAGTCCCTTT
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>SEQUENCE:5189:prostate_MPM2000-004P4Novel007_8Table3
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AGGCTGCTCTTGCAGGGGCTCTCCTGCAGCAAGGTGCCTGCTGACTGTCCCAGACTGTC
TCCCGACACAGAGGGATGCAAAGGCAGCCTCTTCTGCTCAGTGGAATAGGGAAATTATA
TCACCTTTCACCTCCCACTCTCACTTCTGCCCCTGCTACCCTTAGTCTTTGGCTTTTGCT
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AGACAATCAGATCAGTGACAGAGCTGCTTTGGAGGCCAAAGTGAAGGATCTTCTCACACT
GGCAAAAACCAAAGACGTAGAAATTTTACATTTGAGAAATGAACTGCGAGACATGCGTGC
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CGAGAGCACAAAGATTCTAGGATACTGCGAGCAAATGGGGTGGAGGGGTGCTCTCCTGAG
CTACAGAAGGAATGATCTGGTGGTTAAGATAAAACACAAGTCAAACCTATTTCGAGTTGTC

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CACAGTCAGCAATGGGGATCTTCTTGCTGGTCTTGCCATTCTGGACCCAAAGCGCTCCA
TGGCCTCCACAATATTCATGCCTTCTTTCACTTTGCCAAACACCACATGCTTGCCATCCA
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>SEQUENCE:5192:prostate_MPM2000-004P4Novel007_8Table3

CGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTT
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TTCCTTTAAAAATACATAGCATTAAATCCCAAATCCTATTTAAAGACCTGACAGCTTGAG
AAGGTCACTACTGCATTTATAGGACCTTCTGGTGGTTCTGCTGTTACGTTTGAAGTCTGA
CAATCCTTGAGAATCTTGCATGCAGAGGAGGTAAGAGGTATTGGATTTTCACAGAGGAA
GAACACAGCGCAGAATGAAGGGCCAGGCTTACTGAGCTGTCCAGTGGAGGGCTCATGGGT
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GACTGAGTGAGCCTTTTGCA

>SEQUENCE:5193:prostate_MPM2000-004P4Novel007_8Table3

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GAGGCCTCTGAGGGCCTACACACTGCCTGGCAGAACATACCACTGAACTAGTATGTGCTA
GAGGAGGGCACAAACATCCGCTCCTTACCTAGGCCTGCTGGCTCTGGTTTTCTATGC

>SEQUENCE:5194:prostate_MPM2000-004P4Novel007_8Table3

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CCGCATGGAGCCTGACGAGACGGTGAAGGTGCTAAAGGAGAAGATAGAAGCTGAGAAGGG
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>SEQUENCE:5195:prostate_MPM2000-004P4Novel007_8Table3

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T

CGAGTGACTCGGTGAGTACAGGGGAATGGAATGGAATGGAATGCAATGGAATGGAATCAT
CCGGAATGGAATGGAATTTAATGGAATGCANAGCAATGGAATCAACTNCGATTGCATGGA
ATGGAATGGAATGTAAAGGAATACATTGGAATCAACCCGAGTGGAATGGAATGGAAAGGA
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>SEQUENCE:5196:prostate_MPM2000-004P4Novel007_8Table3

CGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACG
C

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CAAGCTGCCTTATGAGGATGTCGCAATACCACTGAATGAGCTTCCTGAACCTGAACAAGA
CAATGGTGGCACCACGGAATCTGTCAAAGAACAAGAAATGAAGTGGGCAGACTTAGCCTT
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>SEQUENCE:5197:prostate_MPM2000-004P4Novel007_8Table3

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CATCCTTTAGGTGTAATGCCGCTACTGTCAGCTGGATTAATAACCCAGTAGTAATATTTT
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Table 7
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>SEQUENCE:5198:prostate_MPM2000-004P4Novel007_8Table3
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GGGTGATATGGCCGTAGACGTCTTTACAAAATTCCTGACAGGTGGTTACTGAATCTCTCT
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TGCATTATCAGATCAAAACCAACCCGGTCAGCCCTCTCCGGCCCCCGGCCGAGGTACAG
GGTGTGACAACATGACCTGCATCATCATTTGCTTCAAGCCCCGAAACACAGCAGAGCTCC
AGCCAGAGAGTGGCAAGCGAAAAGTGAAGGAGGTGCTCTCTACTGAGGGGGGCTGAAGAAA
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>SEQUENCE:5203:prostate_MPM2000-004P4Novel007_8Table3
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AACATTAATCTGGGGGTGAGAACTTGGGAGATACACACAGTTGGGTTTACCATAAATGAG
GAGCCTCACTGACAGTGGAAAGATGCACAGGAAAAGAAAGAAAGACTATGGGCTGCTTCTT
AGAATTGTCTTCTGCTTGTGTTACTGCTAGAGCTTCTGTGTGGGCTCCATATGGT
CCCTATTCTTCCCACTCATGAAAACACCAAGAGCAGGCTCAGAGTGACCACAGCCA
AGCCCCAGCTCTGCCAGCAGGCC
>SEQUENCE:5204:prostate_MPM2000-004P4Novel007_8Table3
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TGCTAGGGATGACAGCGTAAGCTGAGCCATGGCAGGAACCCCGTGGATATTATGCAGCGT
GTGATGGGTGAGGTGTGGGGCGGAGCCAGTCTTGGTATACAGAAGGCAGCCTGGAATATC
CATGGTGTGGTCCCCTGTTTTGCCAGGTTTTTTATTTTTCTAGGCGACAGCCATTAAC
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>SEQUENCE:5205:prostate_MPM2000-004P4Novel007_8Table3

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AACTATGAGTGGAAAATGGAGTGATGAGCAGTAAGCACACTGGAAAAGTGGGATGATCTT
GAAGCAAATTGCTGATAATCACTTCTGGGATTCAGACTGAGACTTGAGCAAGCTTCAAGG
TTGGATGACTGAATTGAAGACTTCCATGTTAAATTGGTTATCTTGAGAAGGATACAAGTT
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>SEQUENCE:5206:prostate_MPM2000-004P4Novel007_8Table3

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TGTCTTTATCACACAGGAACTCATTTGTGCTCACTGTGCCATTTTGGACAAAAGCTTGTA
CCTGCCCGGGCGGCCGCTCGACTGACACCCACCCTGACAAGTGTCCATGATGCTGGGCCC
TGAGGGAGGTGAAGGCTTTGTGGTCAAGCTCCGTGGCCTGCCCTGGTCCTGCTCTGTTGA
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>SEQUENCE:5207:prostate_MPM2000-004P4Novel007_8Table3

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TTTTTGCTCTTTGACCACTCCGTGAGTCGGCTGCTGATGAACTGGCATTCTGTGTTAAT
GTTGTCATAAGTGCCGAAGATGATGAATAGCCAACCTGTTTCCCTGGCCATTGAAAATTCT
TTTCCCAACTGAAAGTCATTATTCTTAAATGCTTCATAACTGGCTTTTAAACTTGATGTT
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GCCCCTGCACCAGTTA

>SEQUENCE:5208:prostate_MPM2000-004P4Novel007_8Table3

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CCCGGTAATGATGTCGGGGTTGAGGGATAGGAGGAGAATGGGGGATAGGTGTCTTACCCT
GCGCGGTGTTAACCTGGTCACCTTCTGAGGGTGAACCTGCGCACACACGTCATTGGAAT
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GCCCCACCTG

>SEQUENCE:5210:prostate_MPM2000-004P4Novel007_8Table3

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ACAAGAAGATGACCCGAAGTTGCTCCGCAGTGGGCTGCAGCACCCGTGACACCGTGCTCA
GCCGGGAGCGCGGCCTCTCCCTCCACCAATTTCCAACCTGATACCATAACAGCGCTCAAAT
GGATCAGGGCTGTTAATCGTGTGGACCCCAAGCAAAAAGATTTGGATTCCAGGACCAG
GTGCTATACTGTGTTCCAACATTTTCAAGAAAGTGACTTTGAGTCATATGGCATAAGAA
GAAAGCTGAAAAAAGGAGCTGTGCCTTCT

>SEQUENCE:5211:prostate_MPM2000-004P4Novel007_8Table3

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CAATGTCTTGGAACAATAAGCAAACCCCGCGTACCCAACCTCTCAGCCAGAGATGGTGGAG
GCCGTCAAGAAGCACATTTTAAACATGCTGCACTTGAAGAAGAGACCCGATGTCACCCAG
CCGGTACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAA
GCTTATCGATACCGTCGACCTGGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCCTTTAGT
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>SEQUENCE:5213:prostate_MPM2000-004P4Novel007_8Table3

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GGAATTCACAGTTTTGCCAGCAATCTCTACCTTCTGACTTCTGCCTCGCAGAGAGGAAGG
AGAGGGGGGAGCATCTTGGCAAGGGGGCCCATTTCTCAGCACAGTACCTCGGCCGCTCTAGA
ACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTC
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TTTGCGGTAATCATG

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>SEQUENCE:5215:prostate_MPM2000-004P4Novel007_8Table3

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GCGGCGGCGTTGGCGGCTTGTGCAGCAATGGCCAAGATCAAGGCTCGAGATCTTCGCGGG
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CGCGTCGCCAAAGTGACAGGCGGTGCGGCCTCCAAGCTCTCTAAGATCCGAGTCGTCCGG
AAATCCATTGCCCGTGTCTCACAGTTATTAACCAGACTCAGAAAGAAAACCTCAGGAAA
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>SEQUENCE:5218:prostate_MPM2000-004P4Novel007_8Table3

GACTCACTATAGGGCGAATTGGAGCTCCCCGCGGTGGCGGCCGCCGGGCAGGTACTTTT
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TCTGAAGGATGGATGCACAGCTGGAAGCGGGGATGGCACGGGAAGATAATCTTCCTGCTG
GGTGGCCAAACCTCTCCGACCACCCTCGGCTGAACTCCTCTCGGCGTTCAAATGTTCTC
TGCTGTCTTTCTCTGCTGCATCGTTTCACCATTCTCTGCTTGTCTGGGATGGTGAAGAC
AACTGTTTGCTCATTTGCTTGGCGCTAGGTGATAGTCTCGCCGCTCAGCTATAGGCGATG
GTCTCACCCTCGGTGATAGGC

>SEQUENCE:5219:prostate_MPM2000-004P4Novel007_8Table3

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GACAAATTCTTATTTTCATCCCTCCAAAGATAAACATCACATGGAAAAATGTTTCACATCA
ATTCTTTATTATGCCAGTGAAGGATGCCTTTCTTCAGGAGATGCAACATGGAGAAAGTTT
TAAAGGCAGGCAGTGAAGAGAAGGACAAGACGTCTCAACCCAGCTCCTTAGATGGAGAAT
AAGTCTGCCCATCCCCACACACACATGCAGTGGGAATGCCAGCCGCTGCCTGTTCTCGG
TATAATCTCACCTGTGCTTCAAGCCTGATTATTAACAACCTTAGCTCAGATCATGAGGCC
GAGCCTAATTTCCGACGTTGCACTCCAGGTCACT

>SEQUENCE:5220:prostate_MPM2000-004P4Novel007_8Table3

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CCAAGTAAGAATTTCAATGGCAATGAATATTACCACATAGCTGTATACTGTAACCTCAGGG
ATTCTGTCAGATGAGTGCAACATTACCGTGCTGTAACCATCCAGAGTCCCAGGGTCACA
TTGGCAGCCAAAAGTACCTGCCCCGGGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTG
CAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGCCCGGTACCCAG
CTTTTGTTCCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAGCTGGT
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GTGTAAAGCCT

>SEQUENCE:5221:prostate_MPM2000-004P4Novel007_8Table3

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T

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GTTTCCATCTTGCTGCCCAAATGTTCCAGCAGGCCACAGGCAATGTGAAGTATTCATCC
GGCCAACCAATGTTTCCTGACGTACGCGGGGGAGAGAGAGAGAGAGAGAGTGTGTCAGGAAAG
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>SEQUENCE:5222:prostate_MPM2000-004P4Novel007_8Table3

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CCAGAAGGCAAGAACAACCTCTTCAAGTGTGCCCTGTGTGCCTACACCAACCCCATCCGC
AAAGGTCTGGCAGCCCACTACCAGAAGCGCCACGACATTGATGCGTATTACACTCACTGC
TTGGCAGCCTCCAGGACCATCAGCGACAAGCCCAACAAAGTGATCATCCCATCCCCGCCC
AAGGACGACTCCCCTCAGCTGAGCGAGGAACTCCGGCGGGCAGTGGAGAAGAAAAAGTGC
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>SEQUENCE:5223:prostate_MPM2000-004P4Novel007_8Table3

CGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGGCA

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GGTACTGTGTAGAATTAAGCAAACAAGTGATGTTTCAGAAGTAACCCATTACTGCTTAA
ATAAAGCCTACATCAACACTTAACTCAAACGAGGACAATTGTTATTTAGTTTTTATTTCA
TAATCATAAACTTAACTCTGCAATCCAGCTAGGCATGGGAGGGAACAAGGAAAACATGGA
ACCCAAAGGGAACTGCAGCGAGAGCACAAAGATTCTAGGATACTGCGAGCAAATGGGGTG
GAGGGGTGCTCTCCTGAGCTACAGAAGGAATGATCTGGTGGTTAAGATAAAACACAAGTC
AAACTTATTCGAGTTGTCCACAGTCAGCAATGGTGATCTTCTTGCTGGTCTTGCCATTCC
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CCACATGCTT

>SEQUENCE:5225:prostate_MPM2000-004P4Novel007_8Table3
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TGAGCCACTTCTTCCGCGAACTGGCCGAGGAGAAGCGCGAGGGCTACGAGCGTCTCCTGA
AGATGCAAACAGCGTGGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAAT
TCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGT
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>SEQUENCE:5226:prostate_MPM2000-004P4Novel007_8Table3
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CAGACGCAGGATGGCGTGGGGGAGGGCGTAACCCTCGTAGATGGGCACCGTGTGGGTGA
C
CCCGTCTACAGAGTCCATGACATTGCCAGAGGTGCGCCCAGAGGCGTATAGGGACAGCAC
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>SEQUENCE:5228:prostate_MPM2000-004P4Novel007_8Table3
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GTTTGGGAAAATATGTGGTCGTGTTCAATTGCTCAGATCAAATGGATTTTCAGAGGCCTAG
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GTGTTGATTTAAATCCAGAATTTGGAATCTTCTTAACGATGAACCCTGGATATGCTGGGC
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>SEQUENCE:5232:prostate_MPM2000-004P4Novel007_8Table3
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TTGGTGGGTGCCGCCGACGGGTACCTGTACATGTACAACCTGGACCCCCAGGAGGGCGGC
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TTGGACTCTGCCTCTCACGACTGCCCTTAGTCACTCAGACATACGGCGCAGCTGCAGGA
AAAGGTACTTACGTGCCTTCATCCCCAACGAGACTTGCTACACAGACGACCTGTGTGCT
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>SEQUENCE:5233:prostate_MPM2000-004P4Novel007_8Table3
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TGCGACACTACATCAACCTCATCACCAGGCAGAGATATGGAAAACGATCCAGCCCAGAGA
CACTGATTTTCAGACCTCTTGATGAGAGAAAGCACAGAAAATGTTCCAGAACTCGGCTTG
AAGACCCTGCAATGTGGTGATGGGAAATGAGACTTGCTCTCTGGCCTTTTCTATTTTCA
GCCCATATTTTCATCGTGTAACGAGAAATCCACCCATCCTACCAATGCATGCAGCCACTG
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>SEQUENCE:5235:prostate_MPM2000-004P4Novel007_8Table3
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TCAGAGCACTTTAAAGTCTGATATTTCTCGATGTGCACTGTGATGCCTGGAACCTTCCTC
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AATTCCAAATGTAATTAGACAAAAATCATTTTTTTAGAATGTGTTTTTATTGTAAAAGTA
TCTTTTTCAGCTTCCTGTTCTATTGTCTTTTTTCAGATACAACATTTTTGTCTATGGTGA
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>SEQUENCE:5236:prostate_MPM2000-004P4Novel007_8Table3

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CAGAAAAAGCCCTTGCCGGGTAGCAAAGGGACAGAAAAGCTTGTGATTAAACATTTCTG
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>SEQUENCE:5237:prostate_MPM2000-004P4Novel007_8Table3

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ACCATGCTACGAGTGAAGGATCCTAAGAAGTCACTGGATTTTTATACTAGAGTTCTTGGA
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TATGAGGATAAAAATGACATCCCTAAAGAAAAAGATGAAAAAATAGCCTGGGCGCTCTCC
AGAAAAGCTACACTTGAGCTGACACACAATTGGGGCACTGAAGATGATGCGACCCAGAGT
TACCACAATGGCAATTCAGACCCTCGAGGATTCGGTCATATTGGAATTGCTGTTCTGAT
GTATACAGTGCTTGTAAGGTTTGAAGAACTGGGAGTCAAATTTGTGAAGAAACCTGAT
GATGGTAAATGAAAGGCCTGGCATTATTCAAGATCCTGATGGCTACTGGATTGAAATT
TTGAATCCTAACAAAATGGCAACCTTAATGTAGTGCTGTGAGAATTCTCCTTTGAGATT
CAGAAGAAAGGAAACAATGTGATTCAAGATATTTACATA

>SEQUENCE:5238:prostate_MPM2000-004P4Novel007_8Table3

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AACGAATTAAGTAGAAATAACTTTGCAAGGAGAGCCAAAG

>SEQUENCE:5240:prostate_MPM2000-004P4Novel007_8Table3

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ACCCCTTGTCCGCAAGGGGTGATGGCCGGCTGGTTGTGGGCACTGGCGGTCAAGTGTGGA
GGAGAGGGGTGGAGGCTGCCCCATTGAGATCTTCCTGCTGAGTCCTTTCCAGGGGGCCAAT
TTTGGATGAGCATGGAGCTGTCACCTCTCAGCTGCTGGATGACTTGAGATGAAAAAGGAG
AGACATGGAAAGGGAGACAGCCAGGTGGCACCTGCAGCGGCTGCCCTCTGGGGGCCACTTG
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GCAGCCCTGGATGGTGGCCAGAAATAAAGGGACCAGCCCTTCATGGGTGGTGACGTGGTA
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>SEQUENCE:5241:prostate_MPM2000-004P4Novel007_8Table3

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GCAAGGAAATACCAGCCAAAATCATTTTTGAGGATGAACCGGGGCCTTGCTTTCCATGAC
ATTTCCCCTCAAGCACCAACACATTTTCTGGTGATACCCAAGAAACATATATCCCAGATT
TCTGTGGCAGAAGATGATGATGAAAGTCTTCTTGACACTTAATGATTGTTGGCAAGAAA
TGTGCTGCTGATCTGGGCCTGAATAAGGGTTATCGAATGGTGGTGAATGAAGGTTTCAGAT
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>SEQUENCE:5244:prostate_MPM2000-004P4Novel007_8Table3
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AGCCTGAAGACACAGGCCAGAGGGTCCCTGTCAGCCACAGCTTCCCACACCCGCCCTACA
ATATGAGCCTTCTGAAGCATCAAAGCCTTAGACCAGATGAAGACTCCAGCCATGACCTCA
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>SEQUENCE:5245:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:5247:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:5249:prostate_MPM2000-004P4Novel007_8Table3
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ACCAGGCAAAATATCACATATACCTGAATATAAGGTAACCTCCAAGCCATGAGTATAAGAT
TAAGGCAGTTACTTTATTTTGAACAAGGAAGTGGCATAAGCAACTCAGTGTGTGCCCTT
AGGGTGGGAGCTCTTCCCCCTACCACTCCCCACCCCAAGGCATCATTTTGGAGAAAAAAG
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>SEQUENCE:5251:prostate_MPM2000-004P4Novel007_8Table3
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GCTTGATCAGTATTTCTCTCCTTTTTGAAAGAAATATTTCCAAACTGTAGCACTGAAGAT
ACTACTTTAAGCATTGACAGAATCTCTTCATGGGAGAAGCCCATTATGTGCATTGCTTCC
ATGGTCTCCTGGAAATTATCTTTGTCTTGCTGTCCCGGAATAGGAATATAGCCATTGGAG
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>SEQUENCE:5252:prostate_MPM2000-004P4Novel007_8Table3
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TATATGAAATTATCTTTTCTCCAGTTATTTATAATCTTTCTAAATATTTTAAAATACAGT
ATATTTTTCACAGCAAATTTTATTTTCCCCACAACAAAGAATTATCCCACTTCTCTAGTAA
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>SEQUENCE:5253:prostate_MPM2000-004P4Novel007_8Table3
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CGCGGGAAGAAGGAGGAGCTGCTGAAACAGCTGGACGACCTGAAGGTGGAGCTGTCCCA
G

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CTGCGCGTCGCCAAAGTGACAGGCGGTGCGGCCTCCAAGCTCTCTAAGATCCGAGTCGTC
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>SEQUENCE:5255:prostate_MPM2000-004P4Novel007_8Table3

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AGGAGGAAAGCAGACTGGCCAACATGGTGAAACCCCGTCTCTACTGAAAATACAAAAAAA
TTAGCCAGGCGTCATGGCGCACCTGTAGTCCCAGCTACTGGGGAGGCTGAGACACGAGAA
CCGCCTGAACCCGGGAGGTGGAGGTTGCAGTGAGCCAAGATTGCACCACTGCACTCCAGC
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>SEQUENCE:5256:prostate_MPM2000-004P4Novel007_8Table3

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TATTCGGTTTTTTGTTCTTAGGAAGCTTGGCCACTCTACATGGGAAGTCACTAGCTTCAT
GTCGGATATCCTGGTAAATGGCCGCCAGCTCCCGGACTTGTGATCTGCTCGAACTCCT
TTTCCATCTCCATGACGGGCCAGGGCGGCTGCTGCGCCTCCTTCTCGGCCCACTGCGCCG
TCTGCCGCTCTAGGCCGCGTCGCGCTCTTAGCCCCGAGGCCCGCTGCAATCCCCGTACCT
CGGCCGCTCTAGAAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGA
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>SEQUENCE:5257:prostate_MPM2000-004P4Novel007_8Table3

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CCTCCGCGCCTGGGACGATTTCTTCCCGGGTTCCGATCGCTTTGCCCGGCCGCTCTAG
AACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCT
CGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGG
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>SEQUENCE:5258:prostate_MPM2000-004P4Novel007_8Table3

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CTTCCCTGCAGCTGGAGCAAAAAGTCCTTCATTGACCGTGAATCTGGACAGCTCATCTGG
TGCCCAGCACAAATATATTTTACTTTAGAGTAAAATTCTGTGGGGGAAGATGGACAATAT
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>SEQUENCE:5259:prostate_MPM2000-004P4Novel007_8Table3

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CTGGATCTGCCAAAGAAGGCTGGTGGCTACCCTGTGGACGGTCTTCATCAGAGTCCTCTT
CCTCAATTGACGGAATAAGGGAAGGTGTTGACAAGATTTGCTTGATAATACTGTATCGGG
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GAATCACCAGGATTTTCAACTGAGAAATTTAAGAATAATTGAACCTAACGAGGTGACACA
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Table 7
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CTACATCATCCCATCGGGAGATGCTCATCAGAGTGAGTATATTGCTCCATGTGACTGGCG
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>SEQUENCE:5261:prostate_MPM2000-004P4Novel007_8Table3
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CTATAGGCACACACCACCATGCCCATCTAAGTTTTTGTATTTTATGTAGAGACAAGGTTT
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TCCCAAATGCTGGGATTATAGGCGTAAACCACCATGCCTGGCCTTAAATCAACTTTAGA
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TGATGTGTTGTGCCCAAATAGCTTGTCTCATCAGATGACTTATTTGCTATGATATATAT
ACTTCAAGAGCTGCTATATGTATTACATACATCAAATCTTTCTGTAAAGTTTGATTTTTG
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>SEQUENCE:5262:prostate_MPM2000-004P4Novel007_8Table3
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CAGTGAATGTGGAAAATCCTGTTCTCAGAAATCAGGTCTCATTAAACATCAAAGAATTCA
CACAGGAGAGAAACCATTTGAATGTAGTGAATGTGGGAAAGCCTTTAGCACAAAGCAAAA
GCTCATTGTCCATCAAAGGACTCATACAGGAGAGAGACCCTATGGCTGTAACGAGTGTGG
GAAAGCGTTTGCGTATATGTCGTGTCTGGTTAAGCATAAGAGAATACACACAAGGGAGAA
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>SEQUENCE:5265:prostate_MPM2000-004P4Novel007_8Table3
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AAAGAGTCTACAAAGTATTTGTGGACTCTACAGGAGGCAGGTAGGCTGACAACTGGCAGT
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>SEQUENCE:5268:prostate_MPM2000-004P4Novel007_8Table3
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Table 7
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GTATGTTCCCTCTCTTCCTAGGAACTGAAAAACAGAGTAGCAGCTCAGACTGCCAGAGA
TCGAAAGAAGGCTCGAATGAGTGAGCTGGAACAGCAAGTGGTAGACTTAGAAGAAGAGAA
CCAAAACTTTTGCTAGAAAATCAGCTTTTACGAGAGAAAACTCATGGCCTTGTAGTTGA
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>SEQUENCE:5269:prostate_MPM2000-004P4Novel007_8Table3
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ATCTTGAAGGAAGCCATGACTTGGTCTGCTGTATCTGTGTGCGGCTGTCTCGCGGGACATG
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CTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCG
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>SEQUENCE:5270:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:5271:prostate_MPM2000-004P4Novel007_8Table3
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AATTCTATGGCCTACCATATGTTCCAAATACTGCCTGGCAGCTGCGATTCAAGCCACCTC
GTGGGGTATAGGTGCTAGATATTAACCTCTTACCCTCATGTTCTAGAGCGGGTCCGCACTC
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>SEQUENCE:5272:prostate_MPM2000-004P4Novel007_8Table3
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GGAGTGGGAGAGAAGGTCTCTCCTGGCCGGTGGTCTGGGTGCAGCAAGGGCACTCTGAGA
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>SEQUENCE:5273:prostate_MPM2000-004P4Novel007_8Table3
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GAAAATGAGTTTCATTAGACAGACCACTTTTGTGGACTCAGTCTTGAGCTGATCAAATG
AGGCAGCTGAACTGAGACTGAATCTTCCCTGTGATTAGCTCAACTCTTGAAGTAGCCAGG
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>SEQUENCE:5274:prostate_MPM2000-004P4Novel007_8Table3
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CTTAGGTGGACATTTCCATTTGAATTAAGTCCCTTAGGCTGGGCGTGGTGCATGGCTG
TAATCTCAGCACCTTGGGAGGCTGAGGCAGGAAGATCACTTGAGGCCAGGCGTTGGAGAG
CAGCCTGGGCAAGGTGGCAAGAACCTTGTCTCTACAAAAAAAAGCGTCTGCCATCATGG
ATGTTCTCGCAGAAGCAAATGGCACCTTTGCCTTAAACCTTTTGAAAACGCTGGGTAAAG
ACAACTCGAAGAATGTGTTTTCTCACCCATGAGCATGTCCTGTGCCCTGGCCATGGTCT
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Table 7
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GGCACGCAGTA

>SEQUENCE:5275:prostate_MPM2000-004P4Novel007_8Table3

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AATTTCCAGAGAGAAGTGAAAAATATCAAAAATTAATACTTGAAGACAAGTTG
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>SEQUENCE:5276:prostate_MPM2000-004P4Novel007_8Table3

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AGGGGAATGGCAGCAGTGAGGTAGATGGGAGGACATTTCTGGTCAGGGAAGTGGCATCCC
ATTCAGCATCTCAGGACTCACAGGCCAACATGTGTTCCATGGCTGGGAATTGCCTACCAC
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>SEQUENCE:5277:prostate_MPM2000-004P4Novel007_8Table3

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ACATGGCCTCAAGTCCCGATCTTCTGCTCAGAATACTGTGTTGCTTGCTGCAGTGAAATG
GTCCGATCAGAAACAAAGCACCTCTCAACAGCATCGCTGATTAAAGGCACAGAATCTTCT
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>SEQUENCE:5278:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5279:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACCAGCT
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GTGAGTTGTGACTGTATCACTACACTCCAGCCTGGGAAACAGACTGTCTCAAAAAAAAAA
AAAATTAACCAACAATTGGCTGCCTTCTGACCTTCACATCCTGTATAGGAATGGAAATG
GTGGCTAAAGTCAGCACTGAAGGTCCCACAAGCTCTCCCTGCCTCCCCTCTATCTACTGC
ATGATCCTTCAACTGAGGCCAGCCCAAGTGCAGAGTAGCTTGCAAACCCAAGGGACCCC
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>SEQUENCE:5280:prostate_MPM2000-004P4Novel007_8Table3

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GGTTCAGTCCCCATGACGTGATACCTTGAAGCACACCATTACAGACAAGTGGGCCCCC

>SEQUENCE:5281:prostate_MPM2000-004P4Novel007_8Table3

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GACTCAGCTTTTCAGAGATGGAGGGCTGCCGTAACCTACTTGGCCTACTGGACAACGACG
AGATCATGGCCCTATGCGACACCGTCACCAACCGCCTGGTGCAGCCTCAGGACCGCCAAG
ATGCTGTTTCATGCAATATTAGCATACAGTCAAAGTGCAGAAGAACTTCTGAGGCGTAGAA
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Table 7
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>SEQUENCE:5282:prostate_MPM2000-004P4Novel007_8Table3

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TGCATGGGGAAGCCTTTTCAAGGAGTGAATAACAATGATGTAATCGGTCTGAATTGAAAAT
GGGGAAAGATTACCAATGCCTCCAAATTGTCCTCCTACCCTCTACAGCCTTATGACGAAA
TGCTGGGCCTATGACCCAGCAGGCGGCCAGGTTTACTGAACTTAAAGCTCAGCTCAGC
ACAATCCTGGAGGAAGAGAAGGCTCAGCAAGAAGAGCGCATGAGGATGGAGTCCAGAAGA
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>SEQUENCE:5284:prostate_MPM2000-004P4Novel007_8Table3

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GGGGGCATCTGCATTGGAGTTGGGGGTGCCGATGCTGTGGATGTCATGGCTGGGATCCCC
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>SEQUENCE:5285:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5286:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5287:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5288:prostate_MPM2000-004P4Novel007_8Table3

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TCGGAAGCAAACCTAAATGGAAACCTTACAATAGAGAAGAATTACATGTCAGTGTCTTTTG
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CTGTGCATTGT

>SEQUENCE:5290:prostate_MPM2000-004P4Novel007_8Table3

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GATTAATAAACA

>SEQUENCE:5293:prostate_MPM2000-004P4Novel007_8Table3

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Table 7
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>SEQUENCE:5294:prostate_MPM2000-004P4Novel007_8Table3

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AAGAATGAACAATGTTTTCAAAGACATAATGCTATTTAACACTTAAACATACTTATAGTG
CAAACAATAACTTTTAATATGCCAATAGGGAAACCATAAATAATTTTCATGGTGCACCTTG
CTTTTTAT

>SEQUENCE:5295:prostate_MPM2000-004P4Novel007_8Table3

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ACAAGGTTTCACCATGTTGCCAGGCTGATCTTGAGCTCCTGAGCTCAAGTGATCTGCCC
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>SEQUENCE:5296:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5297:prostate_MPM2000-004P4Novel007_8Table3

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G

CGGGGCTGGTGGGGCTGCTGCAGCCGTACAGGAAATAAGTAATCATGGTGCTCAACAGT
TTGGATAAGATGATTCAACTCCAGAAAAACACTGCCAACATCAGGAATATTTGTGTTTTG
GCTCATGTTGACCATGGAAAACTACTCTGGCTGACTGTCTTATATCTAGCAATGGAATC
ATCTCCAGCCGCCTAGCAGGCAAGTTAAGGTACCTCGGCCGCTCTAGAACTAGTGGATCC
CCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGC

>SEQUENCE:5298:prostate_MPM2000-004P4Novel007_8Table3

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGGACCTTAGAAAAGTCACACATCTG
CGCGCCTGTGCGGTCCCTGCTTCTGCGGATGCTGAGGCACGTAAAAAATTTGAAGAAGG
GAATTCGAGCGGTGCGCCGGGCAGGACGCGGGATTGTTTGGTTTGGTTTTCTCTGGTTTT
GGGTGTGATGTAAGAAGAGTTTTTTTGTGTTAGATTGTATTAACATCAATTTTT

>SEQUENCE:5299:prostate_MPM2000-004P4Novel007_8Table3

TGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACACCACCCAGTGGCTTCATTCTG
GCTTAGCCGCAGAGGCAAGAAAGGGACCCCACTTGCTCCCATGCCACCTCAAGAAAAAA
CATAAAACAATTTTTTTTAAAAAAGAAAAGAAATCTACCTCAGTTGACAGGATTCCACCT
TTAGGGTTTCTTCAACTTTTAAGTCTTACCTGTTGAGTGTAACTTTTGTAGCATCTTGCT
TTTCCAAGCAAGCTAGTGAGGCATGACAGAGCAGAAGTCTGTAAATGTCCCTGTGATGGA
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>SEQUENCE:5300:prostate_MPM2000-004P4Novel007_8Table3

GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACGC
G

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GAGGCAGAGCTCAAGTCCAGCACCGTGGGTCTCGTGACCCTGAATGACATGAAGGCCAAG
CAGGAGGCTCTGGTGAAGGAGCGGGAGAAGCAGCTGGCCAAGAAGGAGCAGTCCAAGGA
G

CTGCAGATGAAGCTGGAGAAGCTTCGAGAGAAGGAGCGTAAGAAGGAAGCCAAGCGGAAG
ATCTCCAGCCTGTCTTACCCTGGAGGAGGAAGAAGAGGGAGGCGAGGAGGAAGAGGAG
GCGGCCATGTATGAGGAGGAGATGGAAAGGGAAGAGA

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>SEQUENCE:5301:prostate_MPM2000-004P4Novel007_8Table3

GACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGAAGC
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CTGAGCAGAAGCTGGAGGCACAACGCACCAGACACTCACAGCAAGGATGGAGCTGAAAAC
ATAACCCACTCTGTCCTGGAGGCACTGGGAAGCCTAGAGAAGGCTGTGAGCCAAGGAGGG
AGGGTCTTCCTTTGGCATGGGATGGGGATGAAGTAAGGAGAGGGGACTGGACCCCCTGGAA
GCTGATTCACTATGGGGGGAGGTGTATTGAAGTCCTCCAGACAACCCTCAGATTTGATGA
TTTCCTAGTAGAACTCACAGAAATAAAGAGCTGTTATACTGTGAATAAAAAAACAAGA
GACAAAAAAAATAAGGTCCGATACGGCCAAGGGCATGCTCCCCGACCCCAAGAACACGC
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CCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATA

>SEQUENCE:5302:prostate_MPM2000-004P4Novel007_8Table3

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ACAGGCAAAAGGTAAATTTTTTTTTTTTACAACCTTAAGTTAATCTCCAATAATAAAAA
TTTGCTGATCATGAATTATACTCCAGTTGTTGGGTCTTATA

>SEQUENCE:5303:prostate_MPM2000-004P4Novel007_8Table3

CGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGAG
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A

ACATTAGAAAGAAAAAGGAGGGGAAAACGGTATAAAGAGAGATCAATTACCCACCCTTAA
TAGCTAGATTGGGGGGGGGAGGGGGGTGGTGTAAGGTCCAGGGTTGCTGCGAACAGAAATC
ATCTTATACAGGTGTATACGCAGCGTGTCTCTTAAATGAGTGTA

>SEQUENCE:5304:prostate_MPM2000-004P4Novel007_8Table3

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G

GAGGTCCCGAATAGCGGTGCGCGAAATGTTCCGGTGTGGAGGCCTGGCGGCCGGTGCTTT
TGAAGTAGAAGCTGGTGCCCTTGGTGCGGACCGTGTGCGTCCGAAGCCCGAGGCAGAGGA
ACCGGCTCCAGGCAACTTGTTCAGCGATGGCATGTTCTCTAGAACTCCAGATGACAA
GACAAATGGCTAGCTCTGGTGCATCAGGGGGGCAAAATCGATAATTCTGTGTTAGTCCTTA
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>SEQUENCE:5305:prostate_MPM2000-004P4Novel007_8Table3

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ATTTTGCCTTTTGGGGACTGGAGCTTTGAGGACAGGCCTCTCCCCGATGCTGCCGATGC
TATAGGCAGCACTGGACAGGGGTGCATCTGGAATGAGCTCTGCGAGCAGGTACATGCTGC
ACGCACACAAAAGACACTGAGAATATTTTAAAGAACACACATCACAGAATTTGATAGT
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GTTCCAAATTTCCAAGATTAACCTTAAATTTGAAAAAGT

>SEQUENCE:5306:prostate_MPM2000-004P4Novel007_8Table3

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CACTTAGCTCAGATTCTTAACCTTGCCATCCATATCTAAGTAAGCTATTTTATTTTTTTA
TTTTATTTTGGGTGGAGTCTTGCTCTGTGCGCCAGGCTGCAACCTTTGCCTGTCAGGTTC
AAGCGATTTTCGTGCCTCAGCCTTCCAAGTAGCTAGGATCATAGGCATGCACCACCACAC
ACAGGTAATTGTGATTTTATTTTTTTATTTTTAGTAGAGACGGGCTTTGACCACGTTGAC
TAAGCTAGTCTTGAACCTCGTGACCTTAGGTGATCCACCTGCCTTAGG

>SEQUENCE:5307:prostate_MPM2000-004P4Novel007_8Table3

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CAGAGCAAGCATCCCGGGGACTTTGGTGCTGATGCCAGGGGGGCCATGAACAAGGCCCTG
GAGCTGTTCCGGAAGGACATGGCCTCCAACATAAGGAGCTGGGCTTCCAGGGCTAGGCC
CTGCCGCTCCACCCCCACCCATCTGGGCCCCGGGTCAAGAGAGAGCGGGGTCTGATC

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TCGTGTAGCCATATAGAGTTTGCTTCTGAGTGTCTGCTTTGTTTAGTAGAGGTGGGCAGG
AGGAGCTGAGGGGCTGGGGCTGGGGTGTGAAAGTTGGCTTTGCATGCCCAGCGATGCGCC
TCCCTGTGGGATGTCATCACCCTGGGAACCGGGAGTGGCCCTTGGCTCACTGTGTTCTGC
ATGGTTTGGATCTGAATTAATTGTCCTTTCTTCTAAATCCCAACCGAACTTCTTCCAACC
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TGATTAATCAC

>SEQUENCE:5309:prostate_MPM2000-004P4Novel007_8Table3

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGGATCCGTCCTGATGAC
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TTACATGATCCAATAAATTCCTTTGAGGCTTTGTGGTTAACGTTAGGTTGGGCTGCGT
TACTTCTGGGGCCTTCGTGTCCGAGGCCAGCACACCAAGACCACTGGCCGGCGAGGCCGC
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>SEQUENCE:5310:prostate_MPM2000-004P4Novel007_8Table3

GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGCAGAACTG
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GGTTGGCAGCCACTGGAGGATACAAAATGAGTTTGGATCTCCTTCAATGCCCCATTCCCA
GAGAACTGTCATTATTTGACCTGCTGGTAGTTCCCTAAAGGACGTGCAAGGATGTTTTTA
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>SEQUENCE:5311:prostate_MPM2000-004P4Novel007_8Table3

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GGCCTAGATGGGCTGGGCGCAAGCTTCCAGCATGCTCTGCAGCTTTTTTGGTCTTCACT
TTCCCTTACTCTCAAGGAGGCTGGTTAATCTATCCAGGAATTCCAGAAGTTGTTGCTCTC
GTTGCCGGGGCTCTGGCCAGGCAGGGTCCAGGGCTGCAGCCCGAGAGAAGCCCTCCAGG
G

CCTCCCCATAACTCTCTTCATATTTATGCAACGTGCGCCCTGTTTCAAGATGAAGGTCAGGAT
TGCTAGACGCTTTTCTGTCAACTTTCTCTGCTTGGGCATAGGCACTGAGGGCTTGCTGGG

>SEQUENCE:5313:prostate_MPM2000-004P4Novel007_8Table3

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ATCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGAT
ACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAAT
TGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCAC
AATTCCACACAACATACGAGCCGGGAGCATAAAGTGTAAGCCTGGGGTGCCTAATGAGT
GAGCTAACTCACATTAATTGCGTTGCGCTCACTGCCCGCTT

>SEQUENCE:5314:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTCCCCTAGCGCA
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ATCTGTGGCTGAGAAATGGATCCCTGGAGAGCTGCTAAGTGATGCGGGCTGGCTATCGCC
TTTTTATATTGACCCTGATAGATGATCATATCAGTGAGGAAGATTCTTAACCAAAGCCAA
GTATCCGTCTTCCAGGCCAAGCAAATCCTTGTAATTCTTTGTCAAGGAATTCTAGGGAA
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GCAAGTTCGGCTTTATTGACTACAATGTGACGATTTCTTCTTTCGCCGAACAGT

>SEQUENCE:5315:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCCGCCGGGCAGGTACGCGG
G

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GCGGCGGCGGCCAAGCCCAACAACCTTTCCCTGGTGGTGCACGGACCGGGGGACTTGCG
C

CTGGAGAACTATCCTATCCCTGAACCAGGCCCAAATGAGGTCTTGCTGAGGATGCATTCT
GTTGGAATCTGTGGCTCAGATGTCCACTACTGGGAGTATGGTTCGAATTGGGAATTTTAT
TGTGAAAAAAGCCCATGGTGTGCTGGGACAATGAAGGCTTTCGGGAAAACAGTCGAAAAA

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GTGGGGAATCAATCGGTTAAAGGCACTCTAAAACCAAGGTGATTCGTG

>SEQUENCE:5316:prostate_MPM2000-004P4Novel007_8Table3

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ATGGCGCTGGAGCCGAGGCGCTGAAGGTCAGTGTCTGCCCCCGCGTACCTCGGCCGCTCT
AGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGAC
CTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTT
GGCGTAATCATG

>SEQUENCE:5317:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTCTTGTGGTGC
AGCAGCAGAACCAAGCCGCCCTAGCAGCATGAGCCCTGGGGCACCCAGGGCCACTGC
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ATGATGTCCAGGACTAGTGGGGACAAGCCGTCCACTGGAGGGAAGCCCACACCC

>SEQUENCE:5318:prostate_MPM2000-004P4Novel007_8Table3

TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACA
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ACGTCACGAGGGGCACACTTGCTCTCAGTCTTAGCACCATAGCAGCCCAGGAAACCAAGAG
CAAAGACCACAACGCCGGCTGCGATGAGGAAGTAGCCACGTTGACAACTGCATGGCAC
TGGACGACAGTGGCCCGAAGATCTTCAGAAAGGATGCCCCATCGATTGACACCCAGATGC
CCACTGCCAACAGGGCTGCACCACACAGAAAGATGAGCAAATTGAAGAGGATCATCATGG
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>SEQUENCE:5319:prostate_MPM2000-004P4Novel007_8Table3

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GAAGGCCAGAGACAGCAGATTGGGCCTGACCCCCACCAAATCAGCAAGCTCTTCCATGGT
ATCTATGTAGTCTCCCTGAATGGTATGGCGTTGGCTCTCCACATACCTTTTGTCAATTC
CTCTTGAGCTTTAGATATTTCTGCCATCATTTCACTCTGTGAGGGCAATGTCTTTAGACC
TTTAAATACCTGAGTGGCCCAGCGTCCTTGGAGCTCTGAAATGGGCATAATGGCTCCTAA
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TTTATACAGGGATATCTTGTTTTTTGACCACTT

>SEQUENCE:5320:prostate_MPM2000-004P4Novel007_8Table3

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CCCAAGGTTAAAAAGGCGGGCGGAACCAACCTAAGAAGCCAGTTGGGGCAGCCAAGAAG
CCCAAGAAGGCGGCTGGCGGCGCAACTCCGAAGAAGAGCGCTAAGAAAACACCGAAGAAA
GCGAAGAAGCCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCA
AGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAG
TGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTTCATAGCTGTTTCCTGTGTGAAATTGT
TATCCGCTCACAATTCCACACAACATACGAGCCGGGAGCATAAAGTGTAAGCCTGGGGT
GCCTAATGAGTGAGCTAACTCACATTAATTGCGTTGCGCTCACTGCCCGCTTTCCAGTCG
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CGTATTGGGCG

>SEQUENCE:5321:prostate_MPM2000-004P4Novel007_8Table3

CTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCCCTTTTCGAGCGGCCGCCCG
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TTCCCTTTAGCTTACACAGTGACCATCCACAAAGACTTCGGCACTTTTGAGAGGCCCTTC
AGGGCGATTTATGTGCCCCAAAATGTCTACTGTGTGCACCTGGATCAGAAGGCGACGGAT
GCCTTTAAAGGTGCAGTGAAACAGTTACTCAGCTGCTTCCCAAATGCTTTTCTGGCTTCC
AAGAAGGAGTCGGTTGTCTATGGGGGGGATCTCCAAGCTCCATGCTGACCTGAACTGCCT
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>SEQUENCE:5322:prostate_MPM2000-004P4Novel007_8Table3

GACTCACTATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGT
ACGCGGGCAATGACATGTGTGCTAGAGCTTACTCTGAGAAGGTGACAGAGTTCATGTTGT
GTGCTGGGCTCTGGACAGGTGGTAAAGACACTTGTGGGGTGAGTCATCCCTACTCCCAAC

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ATCTGGAGGGGAAAGCATAATTCACCCATTCCTGTGTTGAGCACATGCTTACTGGGCACC
TGCTACGTGACCAGCATTGCCGTAGACCCTGGGAAGCAGCAGTGAACAGTCAGGAGCTGT
GGATGGTGGCTGGACAGAAAAATGACAGGGCCTGGCTCAGGGTGATTCTGGGGGTCCACTT
GTCTGTAATGGTGTGCTTCAAGGTATCACATCATGGGGCCCTGAGCCATGTGCCCTGCCT
TGAAAAGCCTGCTGTGTACCTGCCCGGTGCGACGCTCTAGAACTAGTGGATCCCCCGGGC
TGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGCCCGGTACCC
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>SEQUENCE:5323:prostate_MPM2000-004P4Novel007_8Table3

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GATTTCCAAGGACTGAGAATGCACATATGGATCGAACAAATCTAGAAATTCAAGCTTCTT
CTATTTGCTAAACAAGAATACAGTTGCATATCAACCTAAATTGATATAAAGTATAAACTG
GGAAAAGTTTCTACCCAAAGATTTTGTGAAACACCTGGCATTCTACCTACAACAGCATAT
TATGGCATCCCTTAACCCCTAAAAGACCTTTGTCCTCAGCAAATGTGACCGTCTTCTTGG
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>SEQUENCE:5324:prostate_MPM2000-004P4Novel007_8Table3

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGAGACA
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TATATACAGAGGCTGGAGGAGGCAGTGTCTGATTTGCACAGGCTCAGGGGATTGGTTT
GACTAGGCATGTCATTACGTAGCCCGCAGGAAAAGCTGGCTCTCCACCCCTAGCCTTTT
AATATGCAAATGCAGGGCACCATGATCTTCTACACAGGTGGGGATACTTCGGGGTGTCCA
TGTATCCAGGAATGTGGGGAAAGGGCAAGAAGTCCACAGGAATCGCCATGTTTGGGTGGA
CCCCTTTCTAATGGCTGGCATTGATATCGGGTAAGTGGCCTGGCTTTAAGAGCTGGA
GCTTTACAAGAACTTTTCCAGACGTGCTTTAAAAAACAACAACTTCTAAGGACCCCTT
TTCCTCTCTATCTGCCTAAAATAATTTATCAATAACTCCTACAACATTCCCCCTGTGGA
GATGCCGCACTAACTGCTGTTAGAGGTTTGGGCGACGATGTCTTCTGGCTACTTCCTGCT
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>SEQUENCE:5326:prostate_MPM2000-004P4Novel007_8Table3

AGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACACCAAGGTGGTGCATTACCG
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TACTGTTCAAAAAGGAATGCCCCACAAGTGTACCATGGCAAACTGGAAGAGTCTACAA
TGTTACCCAGCATGCTGTTGGCATTGTTGTAAACAAACAAGTTAAGGGCAAGATTCTTGC
CAAGAGAATTAATGTGCGTATTGAGCACATTAAGCACTCTAAGAGCCGAGATAGCTTCCT
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>SEQUENCE:5327:prostate_MPM2000-004P4Novel007_8Table3

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TAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGA
GGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGT
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>SEQUENCE:5328:prostate_MPM2000-004P4Novel007_8Table3

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CCCCACGGGCTCCGAGTCGTGGTGGTCACCGCCGAGAAAATTGTTACATCCACATTCTG
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GAAACAAAAAAGGCCAAAACGGTGCCTTCAGCCACATCCTCTGAATTGGCCCTGACTTGG
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>SEQUENCE:5329:prostate_MPM2000-004P4Novel007_8Table3

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CTCACTATACGACTACTATAAGCCGAATTGGAGCTCCACCGCGGTGGCGGCCGATGTACG
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AGTGTTTCTGGAAAAGAATAGCATTTTAATCAATGGACTGAGTAAAGAAGGTTGCTCTTA
GGCCAGGCGTGGTGGCTCACATCTGTGATCCCAGCACTTTGGGAGGTTGAGGCAGGTGGA
TCACTTGAGGTCAGGAGTTGGAGACTAGCCTGGCCAATATGGCGAAACCCCATCTCTACT
AAAAATACAGAAATTAGCAGGGCATGGTGGTGCATGCCTGTAATCCCAGCTACTTCGGGG
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>SEQUENCE:5330:prostate_MPM2000-004P4Novel007_8Table3

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CCTGCAAAAGTCAACTGTGTGAGTGTGATAAGGCTGCTGCCACCTGTTTTGCTAGAAACA
AGACGACCTACAATAAAAAGTACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGC
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>SEQUENCE:5331:prostate_MPM2000-004P4Novel007_8Table3

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GCTTGGGGAACGGAAGTTTATCTTGGATACCCTTGAAGAGGCTGGGTCTCTTCACATGAA
GATCGAAAAGGGACCCTGCTTCCAATTTCCCTCTTCCATTCTTGAAGTACTCCAGGGCT
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CTTCAAGTGACAATCCTCTCCTTGGCC

>SEQUENCE:5332:prostate_MPM2000-004P4Novel007_8Table3

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CTGCCTCAGGCCTCAACCACACAGGAAGTGGAAGTCTATACCTCCACCTCTCCTGGCTG
GGTGGAGCCTCTAACTCAAGATTCTGCCTTGAAGTCTGGGGCTCTCCCTCAAGTTGACAG
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>SEQUENCE:5333:prostate_MPM2000-004P4Novel007_8Table3

CGACTCACTATANGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACA
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ATGTAGAGACAAGGTTTCACCATGTTGCCAGGCTGATCTTGAGCTCCTGAGCTCAAGTG
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CGTGGTGTCTCTTTCTGATGTGTTGTGCCCAAATAGCTTGTCTCATCAGATGACTTA
TTTGCTATGATATATACTTCAAGAGCTGCTATATGTATTACATACATCANATCTTTCT
GTAAAGTTTGATTTTTGTTTCTTTAAAAGGAACATAAATGTTCCAAGACCAAGGGACACA
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>SEQUENCE:5334:prostate_MPM2000-004P4Novel007_8Table3

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTGTTT
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ATGAACTGTGTGCAAGAGTTCCCTTTTTTCTACATCTTTGCCAACATTTGTTATTTATTA
TGATTATTCTTTTTTTTGGAGATGGAGTCTTGTCTGGTGTCCAGACTATAGTGCACTTGG
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>SEQUENCE:5335:prostate_MPM2000-004P4Novel007_8Table3

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CCCCCAACTCCTGCAGCCGCTCCTCTGTGCCAGGCCCTGGAAGGAACTTTGCTCCACCT
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AGGATGCAAAGCCTGGTGCTCAGCTCCTGGGGCGTCAACTCAGTACTTGCGGTCAGTGGC
GTTGCTGATCTGGGGGAAATACGCGTCGACCACCAAGAAGAAGGCCGAGGCCAGGAAGGC
CAGCACCCCGATGGCACTGCCATAGCGGCAGGCATCCTCGTTGCGGTTGAACACGCAGTA
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>SEQUENCE:5336:prostate_MPM2000-004P4Novel007_8Table3

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ACAATAGACCCTCCCTGTTGTTGAATCATAGTCCTCATGGCAGCTTTACAGGTCAGCATG
GAACCCAAGAGGTTAGTATGAAGCTGAGATACCATATCTTCAGTTTTTGTTCCTTACTAAA
AGACCATCCCTGTTAATAACAGCTGCATTTACCAAGAAATTTACTCGACCTAAATGTTTC
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>SEQUENCE:5337:prostate_MPM2000-004P4Novel007_8Table3

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CAAACTGCCCTGTCCTCACGGAGAGGAAAAGCGGCCGAAGTACGGGGGGCCTGTGGATG
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GTCTTCTTCTGCTGCTGCCGGGACCTTCTGCGGCCGTTCTAGAACTAGTGGATCCCCCG
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>SEQUENCE:5338:prostate_MPM2000-004P4Novel007_8Table3

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GGGCTACTGTAACAAGTTCTCAATAATGTGGTAGCTTCAAACAACAGGAATGGAATCTCT
CATAGTTCAGAAGTCCAGATCAGTTTCACTGGGCTAAGATCTTGGAGTCATCAGTTCTGG
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GACCCAGTGGCTGTGGAAGCCTTGCTCCGGGCCGTGTTTGGGGTTGTTGGGGATGAGGCC
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TGACCCCTCGCCTCGACTCGCCCTGCCCTGTGAAAATGTTGGTGCTTCTTGCTTTTCATCA
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GACCTCGGTGGCCTGGAGGCGCAGGGGGAAGCCACGGGACCCCAACCCCGCACATGCG

A

GCTCAGCAGATTGTGGGTAAGCAGTTTCATGTCGCCGACAACTCCCCCGCGTACCTCG
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ACCCAAGAACTCTTACCATGAAGACCCTCCTACTGTTGGCAGTGATCATGATCTTTGGCC
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CCTAAGCAACAGTGCTCACATCACTGAGGTCTGTGAACAAAGTTCACATTTTACATCCTT
AAAGAGCATTGTTGTTATCTGAACCTCTGCTCTGCTCTTCCCAAAGCATAACTAGTGT
TTTTATGAATAATAAAATCTTCGTACCTGCCCGGGCGGCCGCTCTAGAAGTGTGGATCC
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GGGGGCCCCGGTACCCAGCTTTTGTCCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAA
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GGTCCTTCTTGAACCAAGCTGCTCCCTGCTGGATATGACAATGGCTCAGAAGCAGACTAG
CAATTCTCAAAGGACAGGGAGAAAAATCACCACAGTTGCTGGCAGAAAACAGCCAGCGTA
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>SEQUENCE:5347:prostate_MPM2000-004P4Novel007_8Table3

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GCCCTTGTAAGGCGCGCGCCGCGGTCCCGCCTCTTTCCTTTCCGGCCGCTCTAGAACTAGT
GGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGG
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>SEQUENCE:5348:prostate_MPM2000-004P4Novel007_8Table3

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CCTCTTCCCTTTGTGCCTTCCGCTTCTTCCCTTTTTTGAAGGTGCTCTGTCATCTACAT
CTTCTTCCAGTGTTTTTCTTTGTTCTTCAGGTTTTGCAAATATCTTTTCACTCAGTCCCT
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>SEQUENCE:5349:prostate_MPM2000-004P4Novel007_8Table3

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TGAAGGCGAGCATAGCACTTGCGGCAGATCATCTTGTGCGAGTTGTATTTCTGGGCAAGC
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>SEQUENCE:5350:prostate_MPM2000-004P4Novel007_8Table3

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GTCCGCGGGGGAGGCGAACAATGGCGGAGCTGGGCGAAGCCGATGAAGCGGAGTTGCAG
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>SEQUENCE:5352:prostate_MPM2000-004P4Novel007_8Table3

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GAGCGCTGGAAACCTGGCGCTCAGATCTTCTCTGGTGTGATGAAGAGGCGAGGAATCAAGTG
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>SEQUENCE:5353:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:5354:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:5355:prostate_MPM2000-004P4Novel007_8Table3
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CCTTTAAAGCGCGGGGCCCTGCCACCTTTCGCTGCGGCCCTTACGCTCAGAATGACGTGTC
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>SEQUENCE:5356:prostate_MPM2000-004P4Novel007_8Table3
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AGGCTGGTGTCACTCTTGACCTCAAGTGATCTACCACCCTTGGCCTCCCAAAGAGCT
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CTAGAATATAAATTCTTGTTTTATAACATTTAGATTTAAATAACAATAAGAATGTAAGCT
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>SEQUENCE:5365:prostate_MPM2000-004P4Novel007_8Table3

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TTCATCATTATCCACCTTAAAGTGATAATCTTTGTCGGCCTTTAGTTCACAACCGAAAAG
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GAGAACAACCGCGCAGGACGGAATCACACCAGGGAAAGGACGCAGGCTCCCCGCGTACC
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>SEQUENCE:5366:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5367:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5368:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5370:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5371:prostate_MPM2000-004P4Novel007_8Table3

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Table 7
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>SEQUENCE:5374:prostate_MPM2000-004P4Novel007_8Table3

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ACATCCTCCCCACACCATCTCACCATATCCATCTCCCAGCATCCATCTGCATTGAGCTAA
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>SEQUENCE:5378:prostate_MPM2000-004P4Novel007_8Table3

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Table 7
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TTAGTTTAATAAAAGAAAGAGAGAAAAACAAAAGATTCCCAGGTTGTTATGTGCTTCTTCTG
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>SEQUENCE:5385:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5386:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5387:prostate_MPM2000-004P4Novel007_8Table3

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GAGTTGCTGAGTACCTTTCTCGGGGTGTCTGCGTAACTGCCAGACTTGCCTTGGTTTGG
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TCTTCCGGTGTGTGAGTCACTCACCTGTGAGCTCCTAGAGGTCAGCGACTAAATCTGGTT
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CGAGGAGTATCTTTCAGAAAGTTAAGAAGGATACCCAGGAATTGAACTCAGCTCCACACC
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Table 7
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CGGCCAACTCCTCAGTGCTGTGCGCAGCTGACACAGGGACTGCGGTACCCCTTGCTCCCT
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CCCAAGTAGCTGGGATTACAGGCACCCACCACCAAGCCCAGCTAATTTCTGCATTTTTAG
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Table 7
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>SEQUENCE:5405:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5406:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5407:prostate_MPM2000-004P4Novel007_8Table3

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ACCCCAAAGCCACTACTGACCAAGGTCTCTTCAGTGCATCTCGCTCCCTCTCTGGCTAAGG

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CATGCATTAGCCACTACACAAGTCATTAGTGAAAGTGGTCTTTTATGTCCTCCCAGCAGA
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AGTCATGGATCTGGGTAGTCCGGAAAACAAAAGGAGGGAAGACAGCCTGGTAATGAATAA
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CTTTAAGAATTAANACTGGGAAATAGAAACATGAACTGAAAAGTCTTGCAATGACAAGAG
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TAGCTGGGACCACAGGCACGTGCCACCATGCCAGCTAATTTTTATTTTGGTAGAGACAA
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CGGCCTTCCACAGTGTTGGGATTACAGGAATAAGCCACTGTGCCCGGCCCTTTTTCTCTT
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T

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GGATAACTTGGCCCTGGAACCCTGACCCTGTGTCTCCTGCCCGGTGGCAGTAACAAAGCC
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>SEQUENCE:5415:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:5421:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5422:prostate_MPM2000-004P4Novel007_8Table3

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CTGGGCCCCCAATTTTCTTTTTTGGCCCCGGGGGGGGGGGGCCCCCTTTTCCCCAGGGT
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>SEQUENCE:5423:prostate_MPM2000-004P4Novel007_8Table3

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AGTAGTGAAAGATCTAGCCATTTCAAGAGGTCAAGGGACAATTCTGTAAATAAATTGCAT
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TGGTGGAGCATTCTGAGAAATTTGCTTTTTGTGTGTTTGACATTCCTAATTTGGGAGTCC
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>SEQUENCE:5432:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5433:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5434:prostate_MPM2000-004P4Novel007_8Table3

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GAAACTCAACAAATATATTGAAATAATTAAGAATCAAGCAGAAATCTTGGAATTGAA
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>SEQUENCE:5435:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5436:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5437:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5438:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5439:prostate_MPM2000-004P4Novel007_8Table3

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GCAGCCTTTCAGGACTGCGGCTGCTGTGGCCTACACACCTGGGCCTGTGTCCCCGCGTAC
CTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATC
GATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTT
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>SEQUENCE:5440:prostate_MPM2000-004P4Novel007_8Table3

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AATACTTTCAGAATGCAGTTAGTGAAACAATTAATGATGAAGATATCAGTCTTCTCCCAG
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>SEQUENCE:5450:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:5455:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:5456:prostate_MPM2000-004P4Novel007_8Table3
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GCCCACCCGTCCCTTTGGTAGCGGCAGTCACGTGACAGACTCCGGGGTGGGTGCTACCAA
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>SEQUENCE:5457:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5458:prostate_MPM2000-004P4Novel007_8Table3

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TGCAGCTCGACATGGATTACAGAGTCTTGGAAGAGTCGGTATTTACGGCGTATGCCTCC
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>SEQUENCE:5459:prostate_MPM2000-004P4Novel007_8Table3

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CAAACAAAGACTCCGCAGGTAGCTTGCCTGGTTCTGGGTCTACACATGGAACCTCGCTCA
AGGAGAAGCATAAAATTTTGCACAGACTCTTGCAGGACAGCAGTTCCCCTGTGGACTTGG
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GGGAACGCGCTCCCACTCAGGGGTCAATGCAGAAACACCCTCCTAAGGGGAAACGGGAC
GCCACTCCCTACCCAGGAGACGCCCCACAGGGCTGGAGCTTCTATTGAAGCCCATTTTC
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>SEQUENCE:5462:prostate_MPM2000-004P4Novel007_8Table3

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CAAGGTTTAATGGATTTAGGGCTGTGCAGGACGTGCTTTGATAAAATGTGTTTGTAGGCA
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>SEQUENCE:5463:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:5464:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:5466:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:5467:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:5468:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:5469:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5470:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5471:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5472:prostate_MPM2000-004P4Novel007_8Table3

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GCAGGAGGATGGATCTTTATTTACGAACAGTCCAAGAAATGTGTCCAGGCTGCGAGGAA
GGAGTCGAGTGACAGTTTCGTTCCACTCTTACGAGACTGCACCAACTCGGATCATCAGAA
ATGGTTCTTCAAAGAGCGCATGTTATGAAGCCTCGTGTATCAAGGAGCCCATCGAAGGAG
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>SEQUENCE:5473:prostate_MPM2000-004P4Novel007_8Table3

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GACTCCAGGTCATTTGGCCAATTTAATGCCGACAGAAGAGGCCACCATCTGAATGTAATT
TATCTCCTCTTTCATCTCCTTTCATTCCCCTCCTCTTTTTTTTTTTTTTTTTTTGGGACAGAG
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>SEQUENCE:5474:prostate_MPM2000-004P4Novel007_8Table3

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CACAATAAGAAGCCCTGGATGGTAGCATCAAAGACGAAACATTTAAAAAACACAGAATG
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TGGCCAAGCTTTGAGGCTCTGTCACTGAGCAATGGTAACTGCACCTGGGCAGCTCCTCCC
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CCCGGCTGCCCCCATCACCTCTACTGTCTCCTCCCTGGGCTAAGCAGGGGAGAAGCGGGC
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>SEQUENCE:5476:prostate_MPM2000-004P4Novel007_8Table3

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TTTTTAACCTTTTGACAGAGACTAGATCTTGCTATGTTGCTGAGGTTGCTCTTGAACCTCCT
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CCATATGGGCTGGAAGCTGATTTTTAAAATACTGAGACCATATAGATGACAGCACCCAGA
GAAACAGAAATATTAACCTGAAGTTGTTGCTGGCAGACCATCTTTCTTTCCACCTTTCTT
TCTTCCTCCCTCCCCCTCCTCCATCTTTTTACTTTTCGTCCTCTTCCTTTCTCTTCTTTC
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>SEQUENCE:5477:prostate_MPM2000-004P4Novel007_8Table3

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TCCTGGTTAACACGGTGAAACCCCGACTCTACTAAACTACAAAAAATTAGCTGGGCGT
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CCAGGAGGCGGAGCTTGCACTGAGCCGAGATCACACCACTGCACTCCATCCAGCCTGGGT
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>SEQUENCE:5478:prostate_MPM2000-004P4Novel007_8Table3

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TCCGCCTCTCGAGATAAGACCATCATCATGTGGAACTGACCAGGGATGAGACCAACTAT
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>SEQUENCE:5479:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5480:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5481:prostate_MPM2000-004P4Novel007_8Table3

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GTCCACAGACCAGTAGTGGTTTGCATCCATGAATGTTAGCTGAAAGGCCAACAACCCATA
CAGATAGGAGTGGTTGTTCCATGATGTCTTGTCCAGGAGAAACACATACCAGTATGGCAG
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>SEQUENCE:5482:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5483:prostate_MPM2000-004P4Novel007_8Table3

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CTACCAGTTCCGATATGTGAACCGCCAGGGCCAGGTGTGTGGGCAGAGCCCCCTTTCCA
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TGACATCCTGCTGGTTGTCCCCAAGGCAACTGTGTTACAGAACCAGCTCGATGAGAGCCA
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>SEQUENCE:5484:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5485:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5486:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5487:prostate_MPM2000-004P4Novel007_8Table3

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GGAGCCCTGCTCCTTTGCGATCCGCCGAGGGCTGCAGAGAGCATCCTCATCATTTGGGC
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TTCTTCCGTGGATTCCGATTTGCTCCGTCTGACCAGCCTAGGCAATCCAGCATCGCGTGG
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CACACAGCTGAACTGAGACTAGGAACAAGTCTCTTGATTCTAGTGATGCTATTCCAAGT
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>SEQUENCE:5489:prostate_MPM2000-004P4Novel007_8Table3

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GGAAGAGTCGGAGGAGTCGGACGAGGATATGGGAATTTGGTCTCTTTGACTAATCACCAA
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>SEQUENCE:5490:prostate_MPM2000-004P4Novel007_8Table3

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TCTTTTATTAGAGATAATATAAAGAATGATTAACCAGGTGACAGTAAAGGGCAGGAAGGG
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>SEQUENCE:5491:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5492:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5493:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5494:prostate_MPM2000-004P4Novel007_8Table3

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TCTTGATAAACTATAACAGAACTAGCCGACTGGCTGGTATTAATCGACCAGATGCTGAA
GTCCAACATTGTCACTGTTGGGGATGTAGAAGAGATCAATAAGACCGTTTCCCGAATGAA
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>SEQUENCE:5495:prostate_MPM2000-004P4Novel007_8Table3

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C

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AATCAGGGAGACGGCTCCCCGGCCAGACTTGGCTGATGTTTTCTTGTTTCTGTTTCAGCC
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>SEQUENCE:5503:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:5504:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:5506:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:5507:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:5508:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:5509:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5510:prostate_MPM2000-004P4Novel007_8Table3

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GTGAAATGGCGAAACATGCCCAGATCCCATAACCAGGGCCTTAACTGGACCTGCGCTGTA
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>SEQUENCE:5511:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5512:prostate_MPM2000-004P4Novel007_8Table3

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CACCAATCCCAAGCAAGCCTAGAGCTTGCCATCAAGCAGTGGGGCTCTCAGTAAGGAACT
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>SEQUENCE:5513:prostate_MPM2000-004P4Novel007_8Table3

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GCAGGTCTGAAGCTCAACTCTCTTATTGCCTCACTTCAGGTATACCTCACTTTACACAAT
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GGACACCAGAAATAAGGCCAGCTCCTTGTGCTCCTGACTCTTCTCAGTGTGCTCTTCTC
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CGCCCTGGAGCCCCCTCTCAATGGAGACGTGACTGAGGATACACTTGCTGAATGTATTGA
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>SEQUENCE:5528:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:5535:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5536:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5537:prostate_MPM2000-004P4Novel007_8Table3

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GACAGCCACCCAGGACCAGCTACAGATTTGCAGGGCCCCGTGCAACAGGACAGTGTGCTC
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CGGCTCACTGCAACCTCCACATCCCATGTTGAAGTAATTCTTCTGCCTCAGCCTCCCGAG
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>SEQUENCE:5539:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5541:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5542:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5544:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5545:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5547:prostate_MPM2000-004P4Novel007_8Table3

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CGAGGGGGGGGCCCGGTACCCAGCTTTTGTCCCTTTAGTGAGGGTTAATTGCGCGCTTGG
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>SEQUENCE:5548:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5550:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5551:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5552:prostate_MPM2000-004P4Novel007_8Table3

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TTGAAGCAGCTGTTGGGTCTCCTGGAGCCACTCTTCATACTGCTTACGCTGTGAATCATT
GACAAAGCCTGGACCAAAATTTGGAGGATTCCCGCGTACATGGTGCCAACCGCCTCGGGG
CAAACCTCGCTCTTGGACCTGGTTGTCTTTGGTCGGGCATGTGCCCTGAGCATCGAAGAGT
CATGCAGGCCTGGAGATAAAGTCCCTCCAATTAACCAAACGCTGGGGA

>SEQUENCE:5553:prostate_MPM2000-004P4Novel007_8Table3

GTATACGACTCACTATAGGGCGAATTGGAGCTCCACGCGGTGGCGGCCGCGCCCGGGCAGGT
ACGCGGGGTGGATCCTGCAGGAAGCCCAGGGGCCTTAGACAGCAGATGGTGGGGTGTGT
G

TGAGGGGTGGTATGCGTGCTGCTCTGAGTTTAGGGCTGAGTGTGCAAGCTAGGAGCAGAG
GACAGGTCCAAGCCTGGCTTCTCACCAGTCCGTCTGAGGTGGAAAAGAATCCAGCACTCT
CCCCAGCACTATTCCGACCGTGGTCTCCCATCCCTTGATGCCATCTCCTATTAGGAGGG
GGAGAAAGAAACGCGTGCCTTATACCAAGGTGCAATTAACAGAACTTGAACGGTAATACC
CCCACAATAATTCATTACTAAGGACAAACGGAGGCTGATAT

>SEQUENCE:5554:prostate_MPM2000-004P4Novel007_8Table3

GGTGGCGGCCGAGGTACGCGGGGAAGGATTCGGCGGGCAAGCGGGTGTAAATCAGCAGCC
A

TCCGTTCTTGGGCATGGTGGCTTCCGACCGCGGGGACCCCGAGAGTCTCTTGTCGGCCGC
TCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTTCGATATCAAGCTTATCGATACCGTC
GACCTCGAGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCG
CTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATTCC
ACACAACATACGAGCCNGGGAGCATAAAGTGTAAGCCTGAGGTGCCTAATGAGTGAGCT
A

>SEQUENCE:5555:prostate_MPM2000-004P4Novel007_8Table3

TGCTGTTTGCTGAGCTGACCTACACTCTGGCCACAGAGGAAGCGGAACGCATTGGTGTAG
ACCACG TAGCCCGAATGACAGCAACAGGCAGTGGAGAGAACTCCACTGTGGCTGAACACC
TGATAGCACAGCACAGCGCCATCAAGATGCTGCACAGCCGCGTCAAGCTCATCTTGAGT
ACGTCAAGGCCTCTGAAGCGGGAGAGGTCCCCTTAATCATGAGATCCTGCGGGAGGCCT
ATGCTCTGTGTCACTGTCTCCCGGTGCTCAGCACAGACAAGTTCAAGACAGATTTTTATG
ATCAATGCAACGACGTGGGGCTCATGGCCTACCTCGGCACCATCACCAAAACGTGCAACA
CCATGAACCAGTTTGTGAACAAGTTCAATGTCCTCTACGACCGACAAGGCATCGGCAGGA
GAATGCGCGGGCTCTTTTCTGATGAGGGTACTTGAAGGGCTGATGGACAGGGGTGAGGC
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GGGGAGCAGCCCCTGNNNAAAAAAAAA

>SEQUENCE:5556:prostate_MPM2000-004P4Novel007_8Table3

ACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTGAGCAAAATAACT
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CATGGTGGCTCACGCCAGTAATTCCAGCACTTTGGGAGGCCGAGGGGGGTGAATCACGAG
GTCAGGAGATCGAGATCATCCTGGCTAACACGGTGAAACCCCGTCTCTACTAAAAATACA
AAAAAATTAGCCGGGAGAGGTGGCACACGCCTGTAGTCCTAGCTACTCGGGAGGCTGAGG
CAGGAGAATTGCTTGAAGTGCCTTGAGGTGGCGGAGGCTGAAGTGAGCCGAGATCACACC
ACTGCACGCCAGCCTGGGCAACAGAGC

>SEQUENCE:5557:prostate_MPM2000-004P4Novel007_8Table3

ATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCTATGA
CTCTGGCATCAGATTCCTGGCACCCAGTCCCACTAGCTGTGGTCCCAAGAATGAACCTG
CATTTTAACAAGATTCAAAACCATTCAGAGGCCAGGCGAGGTGGCTCACACCTGTAATC
CCAGCAGTTTGGGAGGCCGAGGTGGGTGGATCACCTGAGGTGAGGAGTTCAAGACCAACC
TGGCCAACATGGCGAAGTCCTGTCTCTACTAAAAATACAAAAATTAGCCGAGTGTAGTGG
CAGGCGCCTGTAATCCTAGCTACTCGGGAGGCTGAGGCAGGAGAATTGCTTGAATCCGGG

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AGGCAGAAGTTGCAGTGAGCTG

>SEQUENCE:5558:prostate_MPM2000-004P4Novel007_8Table3

GACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATG
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AACCTCTCCCTCCCGGGTTCAAGTGATTCTCGTGCCTCAGCCTCTTGAGTAGCTGGGATT
ACAGGCGCGTGCCACTGCGTCCGGCTAATTTTTGTATTTTTAGTAGAGATGGGGTTTCAC
CATGTTGGCCAGGCTGATCTCAAACCTCTGACCTCATGTGGTCCACCCACCTTGGCCTCC
CAAAGTGCTGGGATTACAGGCGTGAGCCACCGCGCTCAGCCTACAAGCAATTTTTTAAAA
ACTGACACCTATTACTGATAAAATTCTCTGTTTAAATCCTATTTACTATTTTAAAGATA
AGTATTAGTTTTTTTTTAAATACAATAATTCTGTTATTGATAAAATTTAA

>SEQUENCE:5559:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGATTGAGG
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TTATAGCACAATCATTTTTGAAAAAGGAAACTAGGCTGGGCGTGGTGGCTCACGCCTGT
AATCCCAGCCCCTTTTGGGAGGCCTAACGTGGGTGGGATCACCTGAGGTCCAGGAAGT

>SEQUENCE:5560:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCAGCTCTTTGATGTGTT
CCCAGGCCCGCTGCACATGGGCAGATTCCACCGTGCGAGAACAGATGGCAAAGCGCAGGA
CAAACCTTGTCCTGAGGTGACATGGAACCAAGTGGATTTTTTTGGCACTGTTTATTCTTT
GCAGAAGAGCTTCATTCACTTTGTTGGAACCTTTAGCCGAAAGCAGACAAGCCCCAGAA
TGACTTCCACACAGATTTCAAAGCGGGGATCCTGGCGCACCAGTGA CTCAAACCCCGCGT
ACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTA
TCGATACCGTCGACCTCGAGGGGGGGCCCGGTACCCAGCTTTTGT

>SEQUENCE:5561:prostate_MPM2000-004P4Novel007_8Table3

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACGCGGGTCC
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GCCTGGATTCTGCCATTGCGACACATTTTTGTGCCTTTTCAGCCCCTGGTGTCTGCAGTGG
GGGATTTAAGGCACCCGCTTTCACTTCTTTCTTGTGTTGGAGTTTTTTGTTGGAACCGCCG
GCGTTGGCTCCGAATACTTAGCGACGCCACTGGCGGCACCTTCTCCTGCGCCCAGTGATG
TTCCACGGTGCTGTACCTTGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAA
TTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGG

>SEQUENCE:5562:prostate_MPM2000-004P4Novel007_8Table3

CGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGAGGTACGCGGGGAC
T

CAGAAGCTTGGACCGCATCCTAGCCGCCGACTCACACAAGGCAGGTGGGTGAGGAAATCC
AGAGTTGCCATGGAGAAAATTCCAGTGTCAGCATTCTTGCTCCTTGTGGCCCTCTCCTAC
ACTCTGGCCAGAGATACCACAGTCAAACCTGGAGCCAAAAAGGACACAAAGGACTCTCGA
CCCAAACCTGCCCCAGACCCTCTCCAGAGGTTGGGGTGACCAACTCATCTGGACTCAGACA
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>SEQUENCE:5563:prostate_MPM2000-004P4Novel007_8Table3

TCCACCGCGGTGGCGGCCGCCCGGGCAGGTACACATGGTAGGCTAAAAATTAAACTGCT
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TCATTAAAAATATAAGGCAATTTAATGTAACTACTAGCATTTACAAAACAGTAAAGTTA
TAAAAAACTGTATTACAAGCAAATGCACCAAATACCAGTGAACATGAAACAGGAGTGAAG
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GGGCCTGACACGT

>SEQUENCE:5564:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACCCACA
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CCCTGTGGAGGGTGGTGGTCTTCAGCCACTCCAAGGCCACCAGATCTGCCACTGAAGTAG
GACCTTGCTTCCAATGGTGACAAGCCCTACAGCAGATCTACAGGCAGACCTTAACAGATA
CAGGGCAAATTTTCTTCTTCGTAATTTCTAGGTTTTAAGGTTGGGTTGACCGTTTTT
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>SEQUENCE:5565:prostate_MPM2000-004P4Novel007_8Table3

Table 7
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CTCACTATAGGGCGAATTGGAGCTCTCCGCGGTGGCGGCCGCCCGGGCAGGTACACAGG
G

AAAGATAATAGGGAAGAGATGAGGGGGGGAGTTCTCCATGACTAAAGAAGAAAAATATAT
GTAATTTATGGGTAGAAAGGAGGAATTCTGCAAAATTTTGCAAGTGAAATGAAAAACAGT
ACTCGAAGTATTCACCTATAGGGAAGCTCCTCACTAATGGCCTCTTCTACCAGCAGCGATG
TCTCATATGTCCAGCAGCGGGCAACATTTGCGACAGTATAACCACCACCACCCAGCACGA
GTAGAGGGATATTGAAGCTCTTGACATATTCAACGCATTCCCCATGCCCTCGGATGCTGA
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>SEQUENCE:5566:prostate_MPM2000-004P4Novel007_8Table3

GTGGCGGCCGCCCGGGCAGGTACTGTTGACATCAGATCTGCTGGGCTGGTGCCACTGGAG
CTGATGTGGTCCTTGTGACTCTTACTGCCCCCAGCATGGCTCTGCTGGCTCCAGCTGGAT
GGCCCATCTCCTGTCAGTAACCTGGTCCCCTCTGTTTTGCAGATGACCCGTTGGCTTCCT
GACCACCTGGCCGCCCACTGCTATGCGTGCGACAGTGCCTTCTGGCTTGCCAGCAGGAAG
CACCAGTGCAGGAATTGTGGGAACGTATTCTGCTCCAGTTGTTGTAACCAGAAGGTTCCA
GTTCCCAGCCAGCAGCTCTTTGAACCCAGTCGAGTATGCAAGTCTTGCTATAGCA

>SEQUENCE:5567:prostate_MPM2000-004P4Novel007_8Table3

CGCCGAGGCAGCCGAGGTACGCGGAGGAGTGACCTGTGGCTGTGGAGAGCGACCCGCGG
C

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GAAAAAGGACCAGTGATGTCTAAGACTCATGATCATCAATTGGAATCAAGTCTCAGTCCT
GTGGAAGTGTTTGCTAAAACATCTGCCTCCCTGGAGATGAATCAAGGCGTTTCAGAGGAA
AGAATTCACCTTGGCTCTAGCCCTAAAAAAGGGGGGAAATTGTGATCTCACCCACCAGGAA
AGACTTCAGTCGAAGTCCCTTCATTTGTCTCCTCAAGAACAATCTGCCAGTTATCAAGAC
AGGAGGCAATCCTGGCGGCGAGCAAGTATGAAAGAAACGAACCGGCGGAAGTCGCTGCAT
CCCATTACCCAGGGCATCACAGAGCTCAGCCGGTCTATCAGTGTCGATTTAGCAGAAAGC
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>SEQUENCE:5568:prostate_MPM2000-004P4Novel007_8Table3

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G

GTCTTAACCTCTCCTCTGGCCGAGTCCTTGCAAGAAGTGAATTACCCGACCCTGCAAAAC
ACTTACTATTTTGGAGTTTAAAGTATGTCATCATGGCAAAGTTTCGGAGAAGGACTTGCA
TCATTTTGGCACTTTTTATTCTATTTATTTTCTCTCTGATGATGGGTTTAAAAATGCTGA
GACCAAATACAGCTACTTTTGGAGCTCCTTTTGGACTTGACCTTCTTCCAGAACTTCATC
AACGAACTATTCATTTGGGGAAAAATTTTGATTTCCAAAAGAGTGACAGAATCAACAGTG
AAACAAATACCAAGAATTTAAAAAGTGTTGAAATCACTATGAAACCTTCCAAAGCCTCTG
AACTTAACCTTGGATGAACTACCACCTCTGAACAATTATCTACATGTATTTTATTACAGTT
GGTATGGAAATCCACAATTTGATGGTAAATATATACATTGGAAT

>SEQUENCE:5569:prostate_MPM2000-004P4Novel007_8Table3

ATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACCATGTTGACAAAAATGCCAG
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CCAGGGAAAGGAATTCCTTTATGTTCTTGGAAGCCCTTTTCTAGAAAAGCCATTCCATTC
ATACCTTTGTAGAGCAGTGGGCTGGGTGTGGAGGGCAGCGCGGAGGGTATCTGCAAGAGC
CTGTATTTTCCGCCTCCCTTGCCCCCACTCCTTTTATCCTTTTAAAAGTCCTATCAGCCC
TGCCTTCGTCCCTTCCGCCCTAAGCCCTAAGAGTGGGGGAGGTTTAATACGGCCAATGGA
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TAATGGGGACTGCTACAGATAAAATGAG

>SEQUENCE:5570:prostate_MPM2000-004P4Novel007_8Table3

TCCACCGCGGTGGCGGCCGAGGTACATATTGTATCTGTGTAAACATTTTGTATATTCCAGG
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TTCTAATAATTATTTGGGGCATGGGAAGACTTATTTAATTGATTGCAT

>SEQUENCE:5571:prostate_MPM2000-004P4Novel007_8Table3

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACGCGGGGAT
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GTGGCAGCTGGAGGTCTCTGCATCGCTTATCCGTTTATTAGCCGGACCAAGATTGCACAG
CTAAAGTCTGGCAGAGACTCCACGGTATGACTGTCCTCACTGGGCCTGTCCACAGTGCGA

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GCGACTCCTGAGGGGAACAGCGCGGAGTTCAGGAGTCCAAGCACAAAGCGGTCTTTTACA
TTCCAACCTGTTGCCTGCCAGCCCTTTCTGGATTACTGATAGAAAATCATGCAAAACCTC
CCAACCTTTCTAAGGACAAGACTACTGTGGATTCAAGTGCTTTAATGACTATTTATGCGT
TGACTGTGAGAATAGGGAGCAGTGCCATGGGACATTTCTAGGTGTAGAGAAAGAAGAAAC
TGCAATGGAAAAATTTGTATGATTTCCATTTATTTTCAGAAAGTTTGTATGTAACAATTAC
CCGAGAGTCATTTCTACTTGCAAAAGGATTCGTAACAAAGCGAGTATAATTTTCTTGTC
TTGTATCATGCTTGTTAAATTTTAATGCAGCATCTTCAAACTTGTCCTGATGGTGTCTT
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>SEQUENCE:5572:prostate_MPM2000-004P4Novel007_8Table3

AGGAGCTCCACCGCGGTGGCGGCCCGCCCGGTGAGGTACTGTGAGGAAGGAAGGACCACT
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AATTTGGGGTGGGGCCAAGTGATCTATTCTATTACTTGTGCTGACCGAATTTTTTCTTC
AATTAATTTAATTTCTTTAGTTGCCTCTGGAGTTAACGTTCTTTCACTATTTAATTCCTA
GTCCACTCTTAAGAAAGAGAACAAATCTGACATGGCATAAATCGGAATGCCTAGAGTTGG
CCAAATCCAATTAATATCTACAAATCCAATTAATATCTGCTAACAACCTTTTGAACTCAT
TTAATGCTTTTAATGTGTCTTTTCTTATTCTATTTTTGTGGTTTAATGTTCCCTTTCCT
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>SEQUENCE:5573:prostate_MPM2000-004P4Novel007_8Table3

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AACATCTTTTGGGAATGAAGTCAGAAGAACAGTTTGCTGTGACCACCTCAGAGTCTCAAA
ACCCTTCCTCCTCCAGCAAGACCCAACCACAAAAACCTGTCTAAAGGCGCCCTGAGTTTGA
GAATTTTAGTGTCTGCTCTGGGTTTTTCCAGGCTGCCTTTTTCTTGATACCAGGCTTGC
CCTGCCTGTACCATTTTTTACTGCATAGGCAGGCTGACAGCTCAGACTGACTGATGGCGG
AGCCTGCCTCACAAATGTGCATGCGCTAGTCTCACAGCACCAGGCCTGACTGTGACCTTT
CAGTAGAGTGACAATTAATGTCATTGTTGCCTAATGCCAAGTCCCTGTGAATTGGAGAAG
AAGGGCACCTCTATACAGTTTTTGTGCCCATGGACTCCCACTTGTCTTCTCTGTAAGACA
GACAGGACAGTCCCATGATCCCAAGAGAGGGCAGATGTGAGAGTCTGTAGAAACATCAAG
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>SEQUENCE:5574:prostate_MPM2000-004P4Novel007_8Table3

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AACATCTTTTGGGAATGAAGTCAGAAGAACAGTTTGCTGTGACCACCTCAGAGTCTCAAA
ACCCTTCCTCCTCCAGCAAGACCCAACCACAAAAACCTGTCTAAAGGCGCCCTGAGTTTGA
GAATTTTAGTGTCTGCTCTGGGTTTTTCCAGGCTGCCTTTTTCTTGATACCAGGCTTGC
CCTGCCTGTACCATTTTTTACTGCATAGGCAGGCTGACAGCTCAGACTGACTGATGGCGG
AGCCTGCCTCACAAATGTGCATGCGCTAGTCTCACAGCACCAGGCCTGACTGTGACCTTT
CAGTAGAGTGACAATTAATGTCATTGTTGCCTAATGCCAAGTCCCTGTGAATTGGAGAAG
AAGGGCACCTCTATACAGTTTTTGTGCCCATGGACTCCCACTTGTCTTCTCTGTAAGACA
GACAGGACAGTCCCATGATCCCAAGAGAGGGCAGATGTGAGAGTCTGTAGAAACATCAAG
CACAATTCCAGAAATAAATTCTGAAATCCCAAAGGGATGCAAGAAATCT

>SEQUENCE:5575:prostate_MPM2000-004P4Novel007_8Table3

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AACATCTTTTGGGAATGAAGTCAGAAGAACAGTTTGCTGTGACCACCTCAGAGTCTCAAA
ACCCTTCCTCCTCCAGCAAGACCCAACCACAAAAACCTGTCTAAAGGCGCCCTGAGTTTGA
GAATTTTAGTGTCTGCTCTGGGTTTTTCCAGGCTGCCTTTTTCTTGATACCAGGCTTGC
CCTGCCTGTACCATTTTTTACTGCATAGGCAGGCTGACAGCTCAGACTGACTGATGGCGG
AGCCTGCCTCACAAATGTGCATGCGCTAGTCTCACAGCACCAGGCCTGACTGTGACCTTT
CAGTAGAGTGACAATTAATGTCATTGTTGCCTAATGCCAAGTCCCTGTGAATTGGAGAAG
AAGGGCACCTCTATACAGTTTTTGTGCCCATGGACTCCCACTTGTCTTCTCTGTAAGACA
GACAGGACAGTCCCATGATCCCAAGAGAGGGCAGATGTGAGAGTCTGTAGAAACATCAAG
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>SEQUENCE:5576:prostate_MPM2000-004P4Novel007_8Table3

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AACATCTTTTGGGAATGAAGTCAGAAGAACAGTTTGCTGTGACCACCTCAGAGTCTCAA
ACCCTTCCTCCTCCAGCAAGACCCAACCACAAAACTGTCTAAAGGCGCCCTGAGTTTGA
GAATTTTAGTGTCTGCTCTGGGTTTTTCCAGGCTGCCTTTTTCTTGATACCAGGCTTGC
CCTGCCTGTACCATTTTTTACTGCATAGGCAGGCTGACAGCTCAGACTGACTGATGGCGG
AGCCTGCCTCACAAATGTGCATGCGCTAGTCTCACAGCACCAGGCCTGACTGTGACCTTT
CAGTAGAGTGACAATTAATGTCATTGTTGCCTAATGCCAAGTCCCTGTGAATTGGAGAAG
AAGGGCACCTCTATACAGTTTTTGTGGCCATGGACTCCCACTTGTCTTCTCTGTAAGACA
GACAGGACAGTCCCATGATCCCAAGAGAGGGCAGATGTGAGAGTCTGTAGAAACATCAAG
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>SEQUENCE:5577:prostate_MPM2000-004P4Novel007_8Table3

CGCGCATTAACCCTCACTAAGGGAACAAAAGCTGGGTACCGGGCCCCCCCCTCGAGAGTAC
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AGTTTGGGAGGATTCTGGCCACTTCTTACTCAATCAAGTACCCTGATAGAGTTAAACAC
CTCATNCCTGGTNGGACCCATGGTGGCTTTCCCCTCCGANCCAACTAACCCAGTGAGGA
TCCGTGCCACCCCCAGNCCTGGGTCAAAGNCCGTGGCATTCTGTCTAGGACGTTCCAAT
CCATTGGCTGTTCTTCGAGTAGCTGGGCCCTGGGGGCCTGGTCTGGTGCAGCGATTCCGG
CCGGACTTCAAACGCAAGTTTGCAGACTTCTTTGAAGATGATACCATATCAGAGTATATT
TACCACTGCAACGCACAGAATCCCAGTGGTGAGACAGCATTCAAAGCCATGATGGAGTCC
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ATCACTATGATCTACGGGTCCGACACCTGGATAGATACCAGTACGGGAAAAAAGGTGAAG
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>SEQUENCE:5578:prostate_MPM2000-004P4Novel007_8Table3

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AACATCTTTTGGGAATGAAGTCAGAAGAACAGTTTGCTGTGACCACCTCAGAGTCTCAA
ACCCTTCCTCCTCCAGCAAGACCCAACCACAAAACTGTCTAAAGGCGCCCTGAGTTTGA
GAATTTTAGTGTCTGCTCTGGGTTTTTCCAGGCTGCCTTTTTCTTGATACCAGGCTTGC
CCTGCCTGTACCATTTTTTACTGCATAGGCAGGCTGACAGCTCAGACTGACTGATGGCGG
AGCCTGCCTCACAAATGTGCATGCGCTAGTCTCACAGCACCAGGCCTGACTGTGACCTTT
CAGTAGAGTGACAATTAATGTCATTGTTGCCTAATGCCAAGTCCCTGTGAATTGGAGAAG
AAGGGCACCTCTATACAGTTTTTGTGGCCATGGACTCCCACTTGTCTTCTCTGTAAGACA
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>SEQUENCE:5579:prostate_MPM2000-004P4Novel007_8Table3

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TTGCAATCCCTATGGTACCAGACTGTCGCAAAGAACATCTTTTGGGAATGAAGTCAGAAG
AACAGTTTGCTGTGACCACCTCAGAGTCTCAAACCCTTTCTTCTCCTCCAGCAAGACCCAA
CCACAAAACTGTCTAAAGGCGCCCTGAGTTTGAGAATTTTAGTGTCTGCTCTGGGTTT
TTCCAGGCTGCCTTTTTCTTGATACCAGGCTTGCCCTGCCTGTACCATTTTTTACTGCAT
AGGCAGGCTGACAGCTCAGACTGACTGATGGCGGAGCCTGCCTCACAAATGTGCATGCGC
TAGTCTCACAGCACCAGGCCTGACTGTGACCTTTCAGTAGAGTGACAATTAATGTCATTG
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>SEQUENCE:5580:prostate_MPM2000-004P4Novel007_8Table3

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AACATCTTTTGGGAATGAAGTCAGAAGAACAGTTTGCTGTGACCACCTCAGAGTCTCAA
ACCCTTCCTCCTCCAGCAAGACCCAACCACAAAACTGTCTAAAGGCGCCCTGAGTTTGA
GAATTTTAGTGTCTGCTCTGGGTTTTTCCAGGCTGCCTTTTTCTTGATACCAGGCTTGC
CCTGCCTGTACCATTTTTTACTGCATAGGCAGGCTGACAGCTCAGACTGACTGATGGCGG
AGCCTGCCTCACAAATGTGCATGCGCTAGTCTCACAGCACCAGGCCTGACTGTGACCTTT
CAGTAGAGTGACAATTAATGTCATTGTTGCCTAATGCCAAGTCCCTGTGAATTGGAGAAG
AAGGGCACCTCTATACAGTTTTTGTGGCCATGGACTCCCACTTGTCTTCTCTGTAAGACA

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GACAGGACAGTCCCATGATCCCAAGAGAGGGCAGATGTGAGAGTCTGTAGAAACATCAAG
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>SEQUENCE:5581:prostate_MPM2000-004P4Novel007_8Table3

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TGGTTTGCTGATTATAGCAGTGACATAGTTGCATTCTAGAGACCTTAGAAAATGCAGAAA
ATTTCAAGAAAAACATTTAAATTGTGCTCATAGTGAACTGAGAGGTGACCACTCTTAAT
ATTTGTGGCATAAGCATTCCAGTCTTTTATCTTTCTCAAAGTTTCACATAAACTTTCTC
AAAGGCCATTAAATACTTTTCCATAGCCTGATTTTTTGTGACCACATAGTATCCTATTAT
ATTGATAATACCATAATTTACCTAACCCATTTTTATATATTTGGATTTTTTCCAATTCAT
CATTATTATGAATAATGGTGTATCTCAGTGGTTACTTTGCACTGCATTTCTTATGAA
AGTATTGAGTAAAAGGAAGTAAAGCCCTCTCAGAGTGTTTTGTAGGCTGTCACATTTAC
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ACACCTTTTTGGTTTTCTTTTTAAAATAAAAAA

>SEQUENCE:5582:prostate_MPM2000-004P4Novel007_8Table3

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ACCAGAGAGGGCCCCAACTAGCAGCCTGTCCTCCTCAGTAGCCCCAGCATCCCTTCATCA
TTTTGTTGCCCTTCTATGGGCCTAGTTTAGGTCTGAGAGGCATAGTTTTAAAATTTTTAT
TGTTATTTATTTATTCTAGAGATAAGGTCTTGCTATGTTTCCCAGGCTGGTCTTGAAGTC
CTGGCCTCAAGCAATCCTCCTGCAGCAGCCTCCCAAAGTGCTGGGATTACAGGCATGAGC
CACCACGTCTGGTCAGACAGGCATAGTTTTACAAATATGTGGGTGGATAAATGCTGTCCA
GTCTTACTTCATCACTTCTATCAATTGAATGCTTTTTGGTTGGAAATAACAGAAAATCCAA
CTAAAAGTGACTTAAACAAAGGAAATGTTATTATCTCATGTACCAGGAATTCTGGAGGTA
GACTGGTTCAAGGGTGGATTAATTAATTCTAGAAGTACTCTCGAGGGGGGGGCCCGGTACC
CAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCAT

>SEQUENCE:5583:prostate_MPM2000-004P4Novel007_8Table3

CTCCTATAGGGCGATTGGAGCTCCACCGCGGTGGCGGCCGCTTTTTTTTTTTTTTTTTT
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CCTGTAACAATGTGTAGCAAACTCTGCAGGATTAATGAGAAGAATGTATTGCCTTTGAA
GCAGCACCACCTTGAGTAAAAATTCCTCAAATGTGCTCTATGTTATGCTAGTGTAAGTATA
GCACCGGAGGATATTTCTTGGGCCTACTTTGCAAGCCTCTGAGAGGTGCTGTGCAGCTCC
GACCATGAAGTCTCTCCTAATTGAAGAGGGTCCCAGGAAGGGGAAGGGCACTATGGCCT
CCATTCTACCCAGGGAGATTGGGTGAATATCTGGCATGTAATTAAGTGCTAGCTCAGGTC
GGGCTGTTTCTGGCATATAGGGTAGCCAGCGGTCAGGGGAGCCTGGAGTGGGGTTGCAGT
GGACTGGGGAGGCCCCCAGTGTCACAGATCTCCAGGGACTGCGTGCTCCTCGAGGAAGG
GGCCTGCTGCGATGGGTGAGGACCTTAGGAGCTGCCCGGGTGACTCCTGGAAGGAGTGAC
TGCATC

>SEQUENCE:5584:prostate_MPM2000-004P4Novel007_8Table3

CGCGCGTCTCCTACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTTTT
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GTGCAATCTTGGCTCACTGCAACCTTCCCCTCCTGGCTGAGTTAACTTAGGAGAGCTTCC
TGGAGAGGGCACCTTTGAAGATAGGAAGGATTTTATGAAGTCTTTACTAGGCCACTAGAG
TAGAAGCAGTGGGAGACTTCTGGAGAAGAGCTCATGGAAAGAAAAACCTACCGCTGGCC
CTTTGGGAAGTCTTTGGGCCTCTTTAGTCCTAGGCTCACACGCCCCCTTAGAAACAAAGT
AAGAATAAAGCCAGGGATAATACAGTGAGTGGCCAAGAACACAGACTCTGGAGCCAGACT
ACCTGGGTTTGAATCCCAGTTACCAGCCATGTGACTTTGATCAAGTTGCTTAACCTTTGT
GTGCTTCAGTTTCTCATCTGTAAAATAAGGGGATGGTAATTGTGACTTCCAGAACTAT
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>SEQUENCE:5585:prostate_MPM2000-004P4Novel007_8Table3

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTTTTTTTTTTTT
TTTTTTTTTTTTTTTTTTTGGGAGGAAGGCACCTACAAAACGAAAGTGCCTAGGGCTTACAAA
AGTCATATGTAGCCTTTACAAATATTAGCTCAGTCATTTTCAGAAAGGTTTTTCCAATTA
TATTTAGAGATGAGGAACTGAAGCTCAGGGAGGCTAGGAACTTATCCAAAGCCTCTTA
AGAGGCTATGTTAGTCAGACTGGGCTAACAGCTGTAACAACCCCAAGAAATTAATGGCTT
AACACATTAGGAGTTTATTTGTTATTGCCATAACAATTCAGGGGTGTATGTTTGGCAGGTA

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GTCTACACAGTGATTCAGGGACCCAGGCTCCTTCCCTCTGGTGGCTTTTTCTCCCTCTAG
TGCTGGGAGCTCTCCATGCAGATGGTGGATGGAGAAAGAGAACAAAAAGTGGGGGATTTT
TATAGGCCAGGCCTGGAATTGGCCACATCACTTCCACACACATTCCACTGGCCAGAATG
CAGTCACGTGATCGTAGCTAACTGCAAGGAAGGTTGGAAAATGTAATGTAAGTGCATGCC
TGGGCT

>SEQUENCE:5586:prostate_MPM2000-004P4Novel007_8Table3

CGCGGTGGCGGCCGCTNNNTTTTTTTTTTTTTTTTTTTTTTTTTTGCAGCACAAAAATCT
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TTGCTTTTGAGAGTCTCAGGATTATCCTTCCCTCCTCTCCNTTCCACATTTTCTCCNCCT
GTGCCCTTCTCCGTGGCCCATGCTTCTCTAGTCCACGACGGTCNTTGTTTAAGATCACAC
ATGCGGTTTGGTAGATTTTCCCTTCACTCTCTCTTTCAGAAAAAATGCCAAAATGGTGT
TTTAAGAAGCTTTTATTGAGCCAACTGAACTTCAACAAAGCAAACGAAAACATAAAGTAG
GGAAAGGAACCCTCTTCAACAAATGGTGTGGGATAATTGGCAAGCCACATGTAGGAGAA
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>SEQUENCE:5587:prostate_MPM2000-004P4Novel007_8Table3

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CCACTTTTTCCAATTATTTGCTTTTGAGAGTCTCAGGATTATCCTTCCCTCCTCTCCTTC
CACATTTTCTCCCCTGTCCCTTCTCCTGGCCATGCTTCTCTAGTCCCGACGGTCTTGTTT
AGATCACAAATGCGGTTTGTAGATTTTCCCTTCACTCTCTCTTTCAGAAAAAATGCCAAA
TGGTGTTTTAAGAAGCTTTTATTGAGCCAACTGAACTTCAACAAAGCAAACGAAAACATA
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GGAGAATTAACTGGATCCTCATCTCTCACCTTATACACAAATCAA

>SEQUENCE:5588:prostate_MPM2000-004P4Novel007_8Table3

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CTCTTGAACCTCCTGGGCTCAAAGAATCCTCTCATTTAGCCTCTTCAACTGCTGGTATTA
CAAGCATGAGCCACCATATGGGCTGGAAGCTGATTTTTAAATACTGAGACCATATAGAT
GACAGCACCCAGAGAAACAGAAATATTAAGTGAAGTTGTTGCTGGCAGACCATTTCTTCT
TTCCACCTTTCTTTCTTCCCTCCCTCCCTCCCTCCATCTTTTACTTTTCGTCCTCTTCC
TTTCTCTTCTTTCTCTCCTTCATTATCCCTTTCACTGTTTCTCTTTCTCCCTTTCTTTT
TCTTTTCTTTCCCCCGCGTTAATTAATTCTAGAAGTACTCTCGAGGGGGGGGCCCGGTACC
CAGCTTTTGTTCCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAGCT
GTTTCCTGTGTGAAATTGTTATCCGCTCACAATTCCACACAACATACGAGCCGGAAGCAT
AAAGTGTAAGCCTGGGGTGCCTAATGAGTGAGCTAACTCACATTAATTGCGTTGCGCTC
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>SEQUENCE:5589:prostate_MPM2000-004P4Novel007_8Table3

GGAGCTCCACCGCGGTGGCGGCCGCTTTTTTTTTTTTTTTTTTTTATTCCTAATTAGATGG
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GTCTCACCACCTTTATTCTTCTTTGTCAAGGTTGATTTAGCTATTCTGAGATCTTGCCTT
TTCATATAGATTTTAGAGTAAGTTTGTCTATGTCTACATAAAAGCTTGCTGGGATTTTGA
GGCCGGGTACGGTGGCTCACGCCTTTAATCACAACTTTGGGAGGCTGAGGCAGGTGGA
TACTTAGGGTCAGGAGTTTGAGACCAGCCTGGCTAACAGTGGAACCCTGTCTCTACCAA
AAAAATACAAAGCTGGGCGTGGTGGCTCACGCCTGTAATCCAGTACTTTGGGAGGCCGA
GGTGGGTGGATCACGAGGTGAGGAGATCGAGACCATCCTGGCAAAACATGGTGAAACCCC
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>SEQUENCE:5590:prostate_MPM2000-004P4Novel007_8Table3

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CAAAATAATGCCCATCAGACCTCAGGGGCGGGGTGACTACCCAAGATAGCCATCTGAACG
TGCACACGGACCCAATTTTCTGTAACTCAAGGTGGTGTAAAAGGGGCAACCATCTGGT
CATTTCTTCGAGTTTTTTTTATATTTGTATAACTCCTGTGCACATAATAAAATATGTAA
GCCTATTTTCTGCTAATGTGTGTAATCATGTTTGTATGGACTCACCCCTAAGGAG
AAAAATGTAAATTTACCTACATGTGAAATTTAGTTTGGAGCTTGGCTGCCGTGGACCTAG

Table 7
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CTAAACTGGGTGGCCTGGGCTCTCCCTTCCCAGATAAACTTCTTTTTTTTTTTCTTTC
TG

>SEQUENCE:5591:prostate_MPM2000-004P4Novel007_8Table3

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GTCATTTTTTTCTGTCTGATAAGTCATGCCATGGACGTTACCCATTTTTATCCCAAGGCC
TCTTACGTTGACTTGAAAAGACGGACTATGTCTTTCAGAGATCTTGTGGGTATCACATCA
ATCTTGACAAATTTCTACCTCCAAGTCATGATCCTAAGAACAGCTTGCCTCCCATTTC
TCCGGTTTGTGCTATTATGAAGGCCTTATTGTTTCAGCCTTCTTCAATCTTGAGGGTTGT
TGTCAGTGTATGGGTGGTTCAGAAATAAGTAGGTCCTGTTACTATGAAGGGGGTTCACAGC
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>SEQUENCE:5592:prostate_MPM2000-004P4Novel007_8Table3

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GACGTATAAATTGTTTATGCTTTTGGTGTAACTCTCTTAAATAAACTGGTTCTTCAAAAATC
ATCCTATAAAGTGAGTTTTCATGAAGTTAACGGGATTTTGGTGTGATGTGTTTGCAAAT
ACTTATTACCGAGACCAGGTAGATCGTCACCTCGGCTCCCGGGCAGAGTTCGCGTGCGTC
CGCACCGGATTCCCCGCGTTAATTAATTCTAGAAGTACTCTCGAGGGGGGGCCCGGTACC
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>SEQUENCE:5593:prostate_MPM2000-004P4Novel007_8Table3

GCGCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTTTT
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ATTTTTTTTATTATACTTTAAGTTTTAGGGTACATGTGCACAACGTGCAGGTTTGCTACA
TATGTATACATGTGCCATGTTGGTGTGCTGCACTCATTAACTCGTCATTTATATTAGGTA
TATATACGTGTTCAATTGTACCCTTATCGACTTTCAGCATGCTTATCCATCTAACTATTC
ATCTTTATTTGCCCTTCGTTTTTTGAGTTCCCTTATTCATCCTAAAACAAAATATAATGCC
TGACTCATAGTCAGACTTCACAGTATTTTTAAATGAATTACATTGCATTGGGGAAATATA
AATAGTAATGTCCTTTTATAGAGGAAGTCTAAAAGAAATTCTTGGGTGAATTGATAATCA
AACATTTTAAAGAAGGTATATTTGCTAGCAAAGAAAGAAAAATATGACAGCTTATTTAT
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>SEQUENCE:5594:prostate_MPM2000-004P4Novel007_8Table3

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TGGTTTGCTGATTATAGCAGTGACATAGTTGCATTCTAGAGACCTTAGAAAATGCAGAAA
ATTTCAAGAAAAACATTTAAATTGTGCTCATAGTGAAACTGAGAGGTGACCACTCTTAAT
ATTTTGTGGCATAAGCATTCCAGTCTTTTATCTTTCTCAAATTTTCACATAAACTTTCTC
AAAGGCCATTAAATACTTTTCCATAGCCTGATTTTTTGTGACCACATAGTATCCTATTAT
ATTGATAATACCATAATTTACCTAACCCATTTTTATATATTTGGATTTTTTCCAATTCAT
CATTATTATGAATAATGGTGTATCTCAGTGGTTATTACTTTGCACTGCATTTCTTATGAA
AGTATTGAGTAAAAGGAAGTAAAGCCCTCTCAGAGTGTTTTGTAGGCTGTCACATTTTAC
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>SEQUENCE:5595:prostate_MPM2000-004P4Novel007_8Table3

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TGGTTTGCTGATTATAGCAGTGACATAGTTGCATTCTAGAGACCTTAGAAAATGCAGAAA
ATTTCAAGAAAAACATTTAAATTGTGCTCATAGTGAAACTGAGAGGTGACCACTCTTAAT
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AAAGGCCATTAAATACTTTTCCATAGCCTGATTTTTTGTGACCACATAGTATCCTATTAT
ATTGATAATACCATAATTTACCTAACCCATTTTTATATATTTGGATTTTTTCCAATTCAT
CATTATTATGAATAATGGTGTATCTCAGTGGTTATTACTTTGCACTGCATTTCTTATGAA
AGTATTGAGTAAAAGGAAGTAAAGCCCTCTCAGAGTGTTTTGTAGGCTGTCACATTTTAC
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Table 7
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ACACCTTTTTGGTTTTCTTTTTAAAATAAAAAA

>SEQUENCE:5596:prostate_MPM2000-004P4Novel007_8Table3

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AAAGTCATATGTAGCCTTTACAAATATTAGCTCAGTCATTTTCAGAAAGGTTTTTCCAAT
TATCATTTTAGAGATAGGAACTGAAGCTCAGGGAGGCTAGGAACTTATCCAAAGCCTC
TTAAGAGGCTATGTTAGTCAGACTGGGCTAACAGCTGTAACAACCCCAAGATTAAATGG
CTTAACACATTAGGAGTTTATTTGTTATTGCCATAACAATTCAGGGTGTATGTTTGGCAG
GTAGTCTACACAGTGATTCAGGGACCCAGGCTCCTTCCCTCTGGTGGCTTTTTCTCCCTC
TAGTGCTGGGAGCTCTCCATGCAGATGGTGGATGGAGAAAGAGAACAAAAGTGGGGGAT
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>SEQUENCE:5597:prostate_MPM2000-004P4Novel007_8Table3

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GCCCAAATATCATATAATGCACATGTAGGTCACATGTGAGTAGGCAAGAGATTCTGGAA
CACAGAAGCAAGACAACAGGATCACAGCAATTTAGTATGCTCTGCTTGTATAGGAAAT
CCCCAGAACATTCTCCAATTACTGAACAAAAAAGCAATAAACTCAGATTTGTCTGCCT
GGGGAGAAATAAACAGAAATAGAAAGTGAATAGCAAAACAAAGCTATCTGGTGAAAAGAC
ATTCTTACTTGGAAGGAGTTAAGATTTTGGCCCTTCCATGGGTGTACTTAGTGAGGCAAG
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>SEQUENCE:5598:prostate_MPM2000-004P4Novel007_8Table3

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CCTGTAACAATGTGTAGCAAACTCTGCAGGATTAATGAGAAGAATGTATTGCCTTTGAA
GCAGCACCCTTGAGTAAAATTCCTCAAATGTGCTCTATGTTATGCTAGTGTAAGTATA
GCACCGGAGGATATTTCTTGGGCCTACTTTGCAAGCCTCTGAGAGGTGCTGTGCAGCTCC
GACCATGAACTGCTCTCCTAATTGAAGAGGGTCCCAGGAAGGGGAAGGGCACTATGGCCT
CCATTCTACCCAGGGAGATTGGGTGAATATCTGGCATGTAATTAAGTGCTAGCTCAGGTC
GGGCTGTTTCTGGCATATAGGGTAGCCAGCGGTGAGGGGAGCCTGGAGTGGGGTTGCAGT
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GGCCTGCTGCGATGGGTGAGGACCTTAGGAGCTGCCCGGGTGAAGTCTGGAAGGAGTGAC
TGCATC

>SEQUENCE:5599:prostate_MPM2000-004P4Novel007_8Table3

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTTTTTTTTTTTTTTTTTT
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CTCCTGTGGGAATTGAGGCATCTCAGGAAACAGTATAGAGTTGGTACAGTTAGAATGAGA
AGAAGCCTGGGGAAAGAAACCAAGAGTGAGAAATGCGTGGCTATTTTACTTAGCTGGAG
CAACCCTCTCATAACAGGCTGGGAAGTGGACCCGCGTTAATTAACGCGGGGGAAATTGAT
GAACAAACAAAGGTCATAGTAAAAGACAGACTTTTGGGGATAAAAACAGAACTCCAAGT
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ATGGCAC

>SEQUENCE:5600:prostate_MPM2000-004P4Novel007_8Table3

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CCCATCAGACCTCAGGGGCGGGGTGACTACCCAAGATAGCCATCTGAACGTGACACACGG
ACCCAATTTTCTGTAACTCAAGGTGGTGTAAAAGGGGCAACCATCTGGTCATTTCTTC
GAGTTTTTTTTATTTTTGTATAACTCCTGTGCACATAATAAAATATGTAAGCCTATTTT
TCTGCTAATGTGTGTACTATCAGTTTGTATTTATGGACTCACCCCTAAGGAGAAAAATGTA
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GGTGGCCTGGGCTCTCCCTTC

>SEQUENCE:5602:prostate_MPM2000-004P4Novel007_8Table3

Table 7
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GCGTATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTTTTTTTT
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GTTTAAGTGTATTACTTAAAATTTTAAGACAAAATCTGGAATAATTATACTAACACAAA
TTTTGAGGTAGAGGAAGAGAATTCTAGAGATAGGTGAGATAAAATTTTCATCTTTGATAA
TGAGTAGACAAAACACTACCTTTAACAAGTGAAGAATTTAAAAAATTTAGAGAAGAGGA
AATCATAAGTGGTTTTTAAAATTTATTATACATATCGAGGTAAAGATAATCCAACAGAAA
ATGAGATTTGAACAGACACTTCACAGGAGATAGACAAATGTCTCAACCTCATTAGTCACC
AGACAAATGCAAATTAACTCAAAATGCAATACCTGTACACACCTCACAGAATGGATAAA
ACTTGAAAGACTGACAAACCAACCAACACAAAGCTGGTCTGAATGTGGAGCAAGGAAGA
CGCTCGTACTCTCCTGGTGAGCAAGGTGGAGATGGTAAAAGAGCTGGTGTAACCACTTTG
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GGGGGGG

>SEQUENCE:5603:prostate_MPM2000-004P4Novel007_8Table3

ACCCTCACTAAAGGGAACAAAAGCTGGGTACCGGGCCCCCCCCTCGAGAGTACTTCTAGAA
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CCCATCAGACCTCAGGGGCGGGGTGACTACCCAAGATAGCCATCTGAACGTGACACACGG
ACCCAATTTTCCTGTAACCTCAAGGTGGTGTAAAAGGGGCAACCATCTGGTCATTTCTTC
GAGTTTTTTTTATATTTTGTATAACTCCTGTGCACATAATAAAATATGTAAGCCTATTTT
TCTGCTAATGTGTGTACTATCAGTTTGTATTTATGGACTCACCCCTAAGGAGAAAAATGTA
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GGTGGCCTGGGCTCTCCCTTC

>SEQUENCE:5604:prostate_MPM2000-004P4Novel007_8Table3

CACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTTTTTTTTTTTTTTTTTT
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GCTGATTATAGCAGTGACATAGTTGCATTCTAGAGACCTTAGAAAATGCAGAAAATTTCA
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CATTAAATACTTTTCCATAGCCTGATTTTTTGTGACCACATAGTATCCTATTATATTGAT
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TTAT

>SEQUENCE:5605:prostate_MPM2000-004P4Novel007_8Table3

GCCAGCGCGCAATTAACCCTACTAAAGGGAACAAAAGCTGGGTACCGGGCCCCCCCCTCGA
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AAGTCAAAATAATGCCCATCAGACCTCAGGGGCGGGGTGACTACCCAAGATAGCCATCTG
AACGTGACACACGGACCCAATTTTCTGTAACCTCAAGGTGGTGTAAAAGGGGCAACCAT
CTGGTCATTTCTTCGAGTTTTTTTTATATTTTGTATAACTCCTGTGCACATAATAAAATA
TGTAAGCCTATTTTTCTGCTAATGTGTGTACTATCAGTTTGTATTTATGGACTCACCCCTA
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>SEQUENCE:5606:prostate_MPM2000-004P4Novel007_8Table3

CCCTACTAAAGGGAATCAAAAGCTGGGTACCGGGCCCCCCCCTCGAGAGTACTTCTAGAAT
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TCAAACAAAGAAGAAAAGATAAACAAACAAAAAAGAAAATTGACATGTTAATTCTAAA
ATTAATATGAAAATTTAAAAATTTAAAATACCAAAGTAATTTTGAAAAATAACAAAGCTG
GAAACTGGTCTTGCCTGACTTTGAGACTTGTAAGCTATAAAAATTAAGACAGTGTGATA
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>SEQUENCE:5607:prostate_MPM2000-004P4Novel007_8Table3

ACCCTCACTAAAGGGAACAAAAGCTGGGTACCGGGCCCCCCCCTCGAGAGTACTTCTAGAA
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CCCATCAGACCTCAGGGGCGGGGTGACTACCCAAGATAGCCATCTGAACGTGACACACGG
ACCCAATTTTCTGTAACCTCAAGGTGGTGTAAAAGGGGCAACCATCTGGTCATTTCTTC
GAGTTTTTTTTATATTTTGTATAACTCCTGTGCACATAATAAAATATGTAAGCCTATTTT
TCTGCTAATGTGTGTACTATCAGTTTGTATTTATGGACTCACCCCTAAGGAGAAAAATGTA
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GGTGGCCTGGGCTCTCCCTTC

>SEQUENCE:5608:prostate_MPM2000-004P4Novel007_8Table3

Table 7
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GAATTGGAGCTCCACCGCGGTGGCGGCCGCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTG
ACCAGAGAGGCCCCAACTAGCAGCCTGTCCTCCTCAGTAGCCCCAGCATCCCTTCATCA
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TGTTATTTATTTATTCTAGAGATAAGGTCTTGCTATGTTTCCCAGGCTGGTCTTGAATC
CTGGCCTCAAGCAATCCTCCTGCAGCAGCCTCCCAAAGTGCTGGGATTACAGGCATGAGC
CACCACGTCTGGTCAGACAGGCATAGTTTTACAAATATGTGGGTGGATAAATGCTGTCCA
GTCTTACTTCATCACTTCTATCAATTGAATGCTTTTGGTTGGAAATAACAGAAAATCCAA
CTAAAAGTGACTTAAACAAAGGAAATGTTATTATCTCATGTACCAGGAATTCTGGAGGTA
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>SEQUENCE:5609:prostate_MPM2000-004P4Novel007_8Table3

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AGTAGCCCCAGCATCCCTTCATCATTTTGTGCCCTTCTATGGGCCTAGTTTAGGTCTGA
GAGGCATAGTTTAAAATTTTTATTGTTATTTATTTATTCTAGAGATAAGGTCTTGCTATG
TTTCCCAGGCTGGTCTTGAATCCTGGCCTCAAGCAATCCTCCTGCAGCAGCCTCCCAA
GTGCTGGGATTACAGGCATGAGCCACCACGTCTGGTCAGACAGGCATAGTTTTACAAATA
TGTGGGTGGATAAATGCTGTCCAGTCTTACTTCATCACTTCTATCAATTGAATGCTTTTG
GTTGGAAATAACAGAAAATCCAATAAAGTGACTTAAACAAAGGAAATGTTATTATCTC
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>SEQUENCE:5610:prostate_MPM2000-004P4Novel007_8Table3

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AGTCATTATAAAATGTACTTGAAATTGCAAAGAGCCACAAAAAAACCCAGACAATATTG
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TACCATAATTAAACTGTGGAAGTGGAGTAAACATGGACAAGTAGACCAATGTAGTTAAA
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GCTCGCGCCTGCAATCCCAGCACTTTGGGAAGCCAAGGTTGGCTGATCACTTGAGGCCAG
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>SEQUENCE:5611:prostate_MPM2000-004P4Novel007_8Table3

GCGTATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTTTTTTTT
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GTTTAAGTGTATTACTTAAAATTTAAGACAAAATCTGGAATAATTATAACTAACACAAA
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AATCATAAGTGGTTTTTTAAAATTTATTATACATATCGAGGTAAAGATAATCCAACAGAAA
ATGAGATTTGAACAGACACTTCACAGGAGATAGACAAATGTCTCAACCTCATTAGTCACC
AGACAAATGCAAATTAAGTCAAAATGCAATACCTGTACACACCTCACAGAATGGATAAA
ACTTGAAAGACTGACAAACCAACCAACACAAAGCTGGTCTGAATGTGGAGCAAGGAAGA
CGCTCGTACTCTCCTGGTGAGCAAGGTGGAGATGGTAAAAGAGCTGGTGTAAACCACTTTG
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>SEQUENCE:5612:prostate_MPM2000-004P4Novel007_8Table3

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AAAGCCTTCCTACTCCTGCCTCAGCGACCCCTTCTAAAATACTGCCTCGTTTGGCCTGAA
AATGTGATTTGCAGGCTTCTGAGCAAAGTAGATTTCACTCCATTAAAGAAAAAAAAG
AAAAGGCACCGAACGGGGCTCGGCTGTCGGGAGTTTTGCTTTAAAAAAAAGAAAAA
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>SEQUENCE:5613:prostate_MPM2000-004P4Novel007_8Table3

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TTACATTTTCCAACCTTCCTTGCACTAGCTACGATCACGTGACTGCATTCTGGCCAGTG
GAATGTGTGTGGAAGTGATGTGGGCCAATTCCAGGCCTGGCCTATAAAAAATCCCCCACTT
TTTGTCTCTTTCTCCATCCACCATCTGCATGGAGAGCTCCCAGCACTAGAGGGAGAAAA
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>SEQUENCE:5614:prostate_MPM2000-004P4Novel007_8Table3

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AGATTGAACCTTTGTGTTTTTATTTTCCCTGTGTTTGCTTTTTCTCATGGGGAACCTGTG
TTGCTGCTTTGAAGGTATATTCATACTGGCCTTTCAAATGCCAGCTCTTCAAATTACTAG
TTAAGGCTTTCAAATATGTTATTTAAAAAATTATCCTCTGTATTTTCCATATGCAGTTA
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CAGAGTACCTTTGAAATTTTTTTTCAATTTAAAAAATATGGATC

>SEQUENCE:5615:prostate_MPM2000-004P4Novel007_8Table3

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AATTTTAGAAAGATATTTGTACTAGAATACTTGTGAGGAAGTCTGTGGATTTTATTAGTA
TGGAAATTGTTTATAAAGACACACTCTGAATTTTTGTGGTCAAGTAGGGTTTGTAGAATC
TTTGATAGCCCAGCATGTTAAATGTAAATGTTCTAGAAAAATAATCTTTCACCTTTCCCT
GTGAAAAGACCCCGCAAAAAGTTTTTTGAGGGGTGTGTTAAATATATAAATTTTGAAAGA
CGTAAACAAAATAGTTAACTATCTACTTATGATATTTAATAGTTTGGCCAGGCATGGCAA
CTCATGCCTGTTGTAATCCCAGCGTATTGGGCGGCTGAGGTAGGAGGATTGTGTGAGCCC
AGGCGTTTGAGACTGCAGTGAGCTATGGATCCTGCCTGGATGACAGGGCAAGACCCCAAG
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>SEQUENCE:5616:prostate_MPM2000-004P4Novel007_8Table3

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CAGAAAATTTCAAGAAAAACATTTAAATTGTGCTCATAGTGAAACTGAGAGGTGACCACT
CTTAATATTTTGTGGCATAAGCATTCCAGTCTTTTATCTTTCTCAAAGTTTCACATAAAC
TTTCTCAAAGGCCATTAAATACTTTTCCATAGCCTGATTTTTTTGTGACCACATAGTATCC
TATTATATTGATAATACCATAATTTACCTAACCCATTTTTATATATTTGGATTTTTTCCA
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TATGAAAGTATTGAGTAAAAGGAAGTAAAGCCCTCTCAGAGTGTTTTGTAGGCTGTCACA
TTTCACTCCATAATGTCCTAGTGTTTGTTGCCACCAGTGATATATGAAGGTACCCACTGA
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>SEQUENCE:5617:prostate_MPM2000-004P4Novel007_8Table3

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CCCATCAGACCTCAGGGGCGGGGTGACTACCCAAGATAGCCATCTGAACGTGACACACGG
ACCCAATTTTCTGTAACTCAAGGTGGTGTAAAAGGGGCAACCATCTGGTCATTTCTTC
GAGTTTTTTTTTATATTTTGTATAACTCCTGTGCACATAATAAAATATGTAAGCCTATTTT
TCTGCTAATGTGTGTACTATCAGTTTGTGTTTATGGACTCACCCCTAAGGAGAAAAATGTA
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>SEQUENCE:5618:prostate_MPM2000-004P4Novel007_8Table3

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AGAAAGTATTCAAGAAAAACAATGTGAACTGCTTTAGCTTTCTGGGGATTTTTTAGGATAG
CTTTTCTGCTGAAGCCAATTTCAAGGGGAAAAGTTAAGCACTCCCACTTTCAAAAAAAAAA
AAAATAATAACCCACACACACAAAGAGTGTTGAGGACTTGTAGCTTAAAAAAAATAAGTT

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TTAAAACTGACTTTCTGTATTTATGATAGATATGACCATTTTTGGTGTTGAGTAGATTG
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TGTGTACATTTAGCTTTTTGTATGGTCCAGCTGACAGCTCCTCATTTGATGTTGTCTTGT
TCATTCCTAGCAGATGATAGATTGCAATCCGTTGATTGCGCTAAGCTTTTCTCCCCTTGT
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>SEQUENCE:5619:prostate_MPM2000-004P4Novel007_8Table3

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TCAAGGGTTTATTACTGTTTTATACTAAGAGACTTGGGACTTTAGTATACGAAAAGGTG
TCATTTCAAATGGGGGAAAATGAATTATTCAAACAAATGATCTTGGGACAAGTGGATAGC
CATTCAGAAAAAAGTGAAGCTGGAACACTATAACATGCTTTACCCCAACAATAATCAGA
GTTAAATGTNNAAAAAAAAAAAAAAAAAAAAAAAAAAGGCGGCCGCCACCGCGGTGG
AGCTCCAATTGCGCCTATAGTGAGTCGTATTACGCGCGCTCACTGGCCGTCGTTTTACAA
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>SEQUENCE:5620:prostate_MPM2000-004P4Novel007_8Table3

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GATCCGTGTTCTCTCTTTAGCCCAGGCATGCAGTTACATTACATTTTCCAACCTTCCTT
GCAGTTAGCTACGATCACGTGACTGGATTTCTGGCCAGTGGAATGTGTGTGGAAGTGATG
TGGGCCAATTCCAGGCCTGGCCTATAAAAATCCCCCACTTTTTGTTCTCTTTCTCCATCC
ACCATCTGCATGGAGAGCTCCCAGCACTAGAGGGAGAAAAAGCCACCAGAGGGAAGGAGC
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>SEQUENCE:5621:prostate_MPM2000-004P4Novel007_8Table3

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CTCCTGTGGGAATTGAGGCATCTCAGGAAACAGTATAGAGTTGGTACAGTTAGAATGAGA
AGAAGCCTGGGGAAAGAAACCAAGAGTGAGAAATGCGTGGCTATTTTGAAGTCTGGAG
CAACCTCTCATAACAGGCTGGGAAGTGGACCCGCGTTAATTAACGCGGGGGGAAATTGAT
GAACAAACAAAGGTCATAGTAAAAGACAGACTTTTGGGGATAAAAACAGAACTCCAAGT
ACTGTATCAACAAATGCAAGTACACCACAATCAGTGAGCAGTGTGGTTTATTATCTGGCA
ATGGCAC

>SEQUENCE:5622:prostate_MPM2000-004P4Novel007_8Table3

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CTACAAAGACTCGTAGAATCATATACTTTTGGACCTGGAAAGTAGCTTAAGGACCATCTG
ATTAATAATTTTAAGTTTTATTGATGAAGAAATTAAGCTCAAGAAAGGCTGTTACTTGTCC
AAGATCACAGAAGTTTTAACTATTGAAGCTTGAGAAAACAGCCAGTTCTTTGCTCAAATT
TCAGCTGAACTACATTGTATAATAAAATAACTCAACATAACATTACAACAGAATAGTTT
AAACTCTTTCTAGTCAGTGGCAACTTAGGGTAGGGAAGATCCAAAGGGATTTTTAAACAA
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CTTGAGCTTCTAA

>SEQUENCE:5623:prostate_MPM2000-004P4Novel007_8Table3

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TGGTTTGCTGATTATAGCAGTGACATAGTTGCATTCTAGAGACCTTAGAAAATGCAGAAA
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ATTTTGTGGCATAAGCATTCCAGTCTTTTATCTTTCTCAAAGTTTCAATAAACTTTCTC
AAAGGCCATTAAATACTTTTCCATAGCCTGATTTTTTGTGACCACATAGTATCCTATTAT
ATTGATAATACCATAATTTACCTAACCCATTTTTATATATTTGGATTTTTTCCAATTCAT
CATTATTATGAATAATGGTGTATCTCAGTGGTTATTACTTTGCACTGCATTTCTTATGAA
AGTATTGAGTAAAAGGAAGTAAAGCCCTCTCAGAGTGTTTTGTAGGCTGTCACATTTTAC
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>SEQUENCE:5624:prostate_MPM2000-004P4Novel007_8Table3

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ATTGATAATACCATAATTTACCTAACCCATTTTTATATATTTGGATTTTTTCCAATTCAT
CATTATTATGAATAATGGTGTATCTCAGTGGTTATTACTTTGCACTGCATTTCTTATGAA
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>SEQUENCE:5625:prostate_MPM2000-004P4Novel007_8Table3

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AGAAGCCTGGGGAAAGAAACCAAGAGTGAGAAATGCGTGGCTATTTTGAAGTAGCTGGAG
CAACCTCTCATAACAGGCTGGGAAGTGGACCCGCGTTAATTAACGCGGGGGGAAATTGAT
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ATGGCAC

>SEQUENCE:5626:prostate_MPM2000-004P4Novel007_8Table3

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TTTTGAGGTAGAGGAAGAGAATTCTAGAGATAGGTGAGATAAAATTTTCATCTTTGATAA
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AATCATAAGTGGTTTTTAAAATTTATTATACATATCGAGGTAAAGATAATCCAACAGAAA
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>SEQUENCE:5627:prostate_MPM2000-004P4Novel007_8Table3

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AAATTTTGAGGTAGAGGAAGAGAATTCTAGAGATAGGTGAGATAAAATTTTCATCTTTGA
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>SEQUENCE:5628:prostate_MPM2000-004P4Novel007_8Table3

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TTACCCCATGAAGAACGATCAATTTAAAAAACACAGATCTCAGGTTTCCTCCCAAGCTG
TCAGCGAGCGCTGCTACCGGTCTAGATTGCCATGTCCCAACAACAGCAAAGCCACCCTCC
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>SEQUENCE:5629:prostate_MPM2000-004P4Novel007_8Table3

TAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTTTTTTTTTTTTTTTTTTTTTT
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AACTTAGAGTGAAGTTTACATGGCTATCTTTCTTAGTATTAGAAATTTTACCTGATAAAC
ATCAAACATACGACCAACATAGGCATATAAAGCAGCTCTACAGATATTTTCTACTGCCC
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GAAGCAAGACAACAGGATCACAGCAATTCAGTATGCTCTGCTTGTTATAGGAAATC

>SEQUENCE:5630:prostate_MPM2000-004P4Novel007_8Table3

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CCATTCAGAAAAAAGTGAAGCTGGAACACTATAACATGCTTTACCCACATAAATCAG
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>SEQUENCE:5631:prostate_MPM2000-004P4Novel007_8Table3

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CTCTCTCGAAGAACTGGCCAGACTTTTTGCAAACGCCTTGAAGGGTAGAATTAGCAGCGA
GCTCTTGAACTGCCTCTGGAGATGGAACCTCAGCGGAATTCTCGAAAAGAAGAGGGGACAT
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GGGGGG

>SEQUENCE:5632:prostate_MPM2000-004P4Novel007_8Table3

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GCATCCCTTCATCATTTTGTGGCCCTTCTATGGGCCTAGTTTAGGTCTGAGAGGCATAGT
TTTAAAATTTTTATTGTTATTTATTTATTCTAGAGATAAGGTCTTGCTATGTTTCCCAGG
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AACAGAAAATCCAACATAAAGTGACTTAAACAAAGGAAATGTTATTATCTCATGTACCAG
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>SEQUENCE:5633:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5634:prostate_MPM2000-004P4Novel007_8Table3

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CATTATTATGAATAATGGTGTATCTCAGTGGTTATTACTTTGCACTGCATTTCTTATGAA
AGTATTGAGTAAAAGGAAGTAAAGCCCTCTCAGAGTGTTTTGTAGGCTGTCACATTTTAC
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>SEQUENCE:5635:prostate_MPM2000-004P4Novel007_8Table3

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ATTGATAATACCATAATTTACCTAACCCATTTTTATATATTTGGATTTTTTCCAATTCAT
CATTATTATGAATAATGGTGTATCTCAGTGGTTATTACTTTGCACTGCATTTCTTATGAA
AGTATTGAGTAAAAGGAAGTAAAGCCCTCTCAGAGTGTTTTGTAGGCTGTCACATTTTAC
AGTATTGAGTAAAAGGAAGTAAAGCCCTCTCAGAGTGTTTTGTAGGCTGTCACATTTTAC

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TCCATAATGTCCTAGTGTTTGTTGCCACCAGTGATATATGAAGGTACCCACTGAAATGTC
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>SEQUENCE:5636:prostate_MPM2000-004P4Novel007_8Table3
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TTTAAAATTTTTATTGTTATTTATTTATTCTAGAGATAAGGTCTTGCTATGTTTCCCAGG
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>SEQUENCE:5637:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:5638:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:5639:prostate_MPM2000-004P4Novel007_8Table3
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AGTATTGAGTAAAAGGAAGTAAAGCCCTCTCAGAGTGTTTTGTAGGCTGTCACATTTAC
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>SEQUENCE:5640:prostate_MPM2000-004P4Novel007_8Table3
CTATACGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTTTTTTTTTTTTTTTTTT
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CCTTCATCATTTTGTTGCCCTTCTATGGGCCTAGTTTAGGTCTGAGAGGCATAGTTTTAA
AATTTTTATTGTTATTTATTTATTCTAGAGATAAGGTCTTGCTATGTTTCCCAGGCTGGT
CTTGAACCTCCTGGCCTCAAGCAATCCTCCTGCAGCAGCCTCCCAAAGTGCTGGGATTACA
GGCATGAGCCACCACGTCTGGTCAGACAGGCATAGTTTTACAAATATGTGGGTGGATAAA
TGCTGTCCAGTCTTACTTCATCACTTCTATCAATTGAATGCTTTTGGTTGGAAATAACAG
AAAATCCAATAAAAGTGACTTAAACAAAGGAAATGTTATTATCTCATGTACCAGGAATT

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CTGGAGGTAGACTGGTTCAAGGGTGGATTAATTAATTCTAGAAGTACTCTCGAGGGGGGG
CCCGGTACCCAGCTTTTGTTCCTT

>SEQUENCE:5641:prostate_MPM2000-004P4Novel007_8Table3

GCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTTTTTT
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TTTTTTTATTATACTTTAAGTTTTAGGGTACATGTGCACAACGTGCAGGTTTGCTACATA
TGTATACATGTGCCATGTTGGTGTGCTGCACTCATTAACGTCATTTATATTAGGTATA
TATACGTGTTCAATTGTACCCTTATCGACTTTGCAGCATGCTTATCCATCTAACTATTCAT
CTTTATTTGCCTTCGTTTTTTGAGTTCCCTTATTCATCCTAAAACAAAATATAATGCCTG
ACTCATAGTCAGACTTCACAGTATTTTTAAATGAATTACATTGCATTGGGGAAATATAAA
TAGTAATGTCCTTTTATAGAGGAAGTCTAAAAGAAATTCTTGGGTGAATTGATAATCAAA
CATTTTTAAGAAGGTATATTTGCTAGCAAAGAAAGAAAAAATATGACAGCTTATTTATAT
AGAAAACCTATGTATTCTGGGATTTTTCTTTGTTTCAAGTCTGTATATGAATATCATGCT
ATCCCTTCCCCCGCCTTAATTAATTCTAGAAGTACTCTCGAGGGGG

>SEQUENCE:5642:prostate_MPM2000-004P4Novel007_8Table3

ACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTTTTTTTTTTTTTT
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TGGTTTGCTGATTATAGCAGTGACATAGTTGCATTCTAGAGACCTTAGAAAATGCAGAAA
ATTTCAAGAAAAACATTTAAATTGTGCTCATAGTGAAACTGAGAGGTGACCACTCTTAAT
ATTTGTGGCATAAGCATTCCAGTCTTTTATCTTTCTCAAAGTTTCACATAAACTTTCTC
AAAGGCCATTAAATACTTTTCCATAGCCTGATTTTTTTGTGACCACATAGTATCCTATTAT
ATTGATAATACCATAATTTACCTAACCCATTTTTATATATTTGGATTTTTTCCAATTCAT
CATTATTATGAATAATGGTGTATCTCAGTGGTTATTACTTTGCACTGCATTTCTTATGAA
AGTATTGAGTAAAAGGAAGTAAAGCCCTCTCAGAGTGTTTTGTAGGCTGTCACATTTAC
TCCATAATGTCCTAGTGTTTGTGTCACCAGTGATATATGAAGGTACCCACTGAAATGTC
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>SEQUENCE:5643:prostate_MPM2000-004P4Novel007_8Table3

TACGACTACTATAGGGCGAATTGGAGCTCACCGCGGTGGCGGCCGCTTTTTTTTTTTTTT
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CTACAAAGACTCGTAGAATCATATACTTTTGGACCTGGAAAGTAGCTTAAGGACCATCTG
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TCAGCTGAAACTACATTGTATAATAAAATAACTCAACATAACATTACAACAGAATAGTTT
AAACTCTTTCTAGTCAGTGGCAACTTAGGGTAGGGAAGATCCAAAGGGATTTTTAAACAA
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>SEQUENCE:5644:prostate_MPM2000-004P4Novel007_8Table3

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TTGGTTTGCTGATTATAGCAGTGACATAGTTGCATTCTAGAGACCTTAGAAAATGCAGAA
AATTTCAAGAAAAACATTTAAATTGTGCTCATAGTGAAACTGAGAGGTGACCACTCTTAA
TATTTTGTGGCATAAGCATTCCAGTCTTTTATCTTTCTCAAAGTTTCACATAAACTTTCT
CAAAGGCCATTAAATACTTTTCCATAGCCTGATTTTTTTGTGACCACATAGTATCCTATTA
TATTGATAATACCATAATTTACCTAACCCATTTTTATATATTTGGATTTTTTCCAATTCA
TCATTATTATGAATAATGGTGTATCTCAGTGGTTATTACTTTGCACTGCATTTCTTATGA
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CTCCATAATGT

>SEQUENCE:5645:prostate_MPM2000-004P4Novel007_8Table3

CGTAATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTTTTTTTTTT
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TTAATATTTTGTGGCATAAGCATTCCAGTCTTTTATCTTTCTCAAAGTTTCACATAAACT
TTCTCAAAGGCCATTAAATACTTTTCCATAGCCTGATTTTTTTGTGACCACATAGTATCCT
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TTCATCATTATTATGAATAATG

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>SEQUENCE:5646:prostate_MPM2000-004P4Novel007_8Table3

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TGGTTTGCTGATTATAGCAGTGACATAGTTGCATTCTAGAGACCTTAGAAAATGCAGAAA
ATTTCAAGAAAAACATTTAAATTGTGCTCATAGTGAAACTGAGAGGTGACCACTCTTAAT
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AAAGGCCATTAAATACTTTTCCATAGCCTGATTTTTGTGACCACATAGTATCCTATTAT
ATTGATAATACCATAATTTACCTAACCCATTTTTATATTTGGATTTTTTCCAATTCAT
CATTATTATGAATAATGGTGTATCTCAGTGGTTATTACTTTGCACTGCATTTCTTATGAA
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>SEQUENCE:5647:prostate_MPM2000-004P4Novel007_8Table3

GCGTATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTTTTTTTT
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TTTTGAGGTAGAGGAAGAGAATTCTAGAGATAGGTGAGATAAAATTTTCATCTTTGATAA
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AATCATAAGTGGTTTTTAAAATTTATTATACATATCGAGGTAAAGATAATCCAACAGAAA
ATGAGATTTGAACAGACACTTCACAGGAGATAGACAAATGTCTCAACCTCATTAGTCACC
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ACTTGAAAGACTGACAAACCAACCAACACAAAGCTGGTCTGAATGTGGAGCAAGGAAGA
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GGGGGGG

>SEQUENCE:5648:prostate_MPM2000-004P4Novel007_8Table3

GCGTATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTTTTTTT
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CAGAAAATTTCAAGAAAAACATTTAAATTGTGCTCATAGTGAAACTGAGAGGTGACCACT
CTTAATATTTGTGGCATAAGCATTCCAGTCTTTTATCTTTCTCAAAGTTTCACATAAAC
TTTCTCAAAGGCCATTAAATACTTTTCCATAGCCTGATTTTTGTGACCACATAGTATCC
TATTATATTGATAATACCATAATTTACCTAACCCATTTTTATATATTGGATTTTTTCCA
ATTCATCATTATTATGAATAATGGTGTATCTCAGTGGTTATTACTTTGCACTGCATTTCT
TATGAAAGTATTGAGTAAAAGGAAGTAAAGCCCTCTCAGAGTGTTTTGTAGGCTGTCACA
TTTCACTCCATAATGTCCTAGTGTTTGTTGCCACCAGTGATATATGAAGGTACCCACTGA
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>SEQUENCE:5649:prostate_MPM2000-004P4Novel007_8Table3

CGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTTTTTTTTTTTTTT
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>SEQUENCE:5650:prostate_MPM2000-004P4Novel007_8Table3

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ATTAAAATTTTAAGTTTTATTGATGAAGAAATTAAGCTCAAGAAAGGCTGTTACTTGTCC
AAGATCACAGAAGTTTTAACTATTGAAGCTTGAGAAAACAGCCAGTTCTTTGCTCAAATT
TCAGCTGAAACTACATTGTATAATAAAATACTCAACATAACATTACAACAGAATAGTTT
AACTCTTTCTAGTCAGTGGCAACTTAGGGTAGGGAAGATCCAAAGGGATTTTTAAACAA
GTTTGTTGAAATTATGTAAGAAATTAACCTCATCAGTGAATTGAGATTTAGTTAGCGTT
CTTGAGCTTCTAA

>SEQUENCE:5651:prostate_MPM2000-004P4Novel007_8Table3

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TTTTGAAATATGCCACCCATTTCAAGTTGAGCCACGGATAAGGAGGGCTTAGCTCATGT

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CTCCTGTGGGAATTGAGGCATCTCAGGAAACAGTATAGAGTTGGTACAGTTAGAATGAGA
AGAAGCCTGGGGAAAGAAACCAAGAGTGAGAAATGCGTGGCTATTTTGAAGTTAGCTGGAG
CAACCCTCTCATAACAGGCTGGGAAGTGGACCCGCGTTAATTAACGCGGGGGAAATTGAT
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>SEQUENCE:5652:prostate_MPM2000-004P4Novel007_8Table3

CACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTTTTTTTTTTTTTTTTTT
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GCTGATTATAGCAGTGACATAGTTGCATTCTAGAGACCTTAGAAAATGCAGAAAATTTCA
AGAAAAACATTTAAATTGTGCTCATAGTGAACTGAGAGGTGACCACTCTTAATATTTTG
TGGCATAAGCATTCCAGTCTTTTATCTTTCTCAAAGTTTCACATAAACTTTCTCAAAGGC
CATTAAATACTTTTCCATAGCCTGATTTTTGTGACCACATAGTATCCTATTATATTGAT
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>SEQUENCE:5653:prostate_MPM2000-004P4Novel007_8Table3

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CACCACGTCTGGTCAGACAGGCATAGTTTTACAAATATGTGGGTGGATAAATGCTGTCCA
GTCTTACTTCATCACTTCTATCAATTGAATGCTTTTGGTTGGAAATAACAGAAAATCCAA
CTAAAAGTGACTTAAACAAAGGAAATGTTATTATCTCATGTACCAGGAATTCTGGAGGTA
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>SEQUENCE:5654:prostate_MPM2000-004P4Novel007_8Table3

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TAAACATCAAACATACGACCAACATAGCATATAAAGCAGCTCTACAGATATTTTCTACT
GCCCAAATATCATATAATGCACATGTAGGTCACATGTGAGTAGGCAAGAGATTCTGGAA
CACAGAAGCAAGACAACAGGATCACAGCAATTTAGTATGCTCTGCTTGTATAGGAAAT
CCCCAGAACATTCTCCAATTACTGAACAAAAAAGCAATAAACTCAGATTTGTCTGCCT
GGGGAGAAATAAACAGAAATAGAAAGTGAATAGCAAAACAAAGCTATCTGGTGAAAAGAC
ATTCTTACTTGGAAGGAGTTAAGATTTTGGCCCTTCCATGGGTGTAAGTAGTGAGGCAAG
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>SEQUENCE:5655:prostate_MPM2000-004P4Novel007_8Table3

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TTTCAAGGGTTTATTACTGTTTTATACTAAGAGACTTGGGACTTTAGTATACGAAAAGG
TGTCATTTCAAATGGGGGAAATGAATTATTCAACAAATGATCTTGGGACAACTGGATAG
CCATTCAGAAAAAAGTGAAGCTGGAACACTATAACATGCTTTACCCCAATAAATCAG
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>SEQUENCE:5656:prostate_MPM2000-004P4Novel007_8Table3

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CACATACAATGAAGAGGTTTTAAAAAATACAGATGACATAACTTGTTCAAGTTGAAGAAAA
TTAAATACTGATATAAACTAAATCATTCTCCTCTTCATTTTAGGGGGATTTTTCTCTGC
AATTGTAAGTATGACTAGAAAGCTGAAGACTGATTTGAGCCTCTTAGCAATACTC
TATTTACCATTTATCTTCCAAAGAATTATGGCTATTTTATTTCTTCAATGAAGCTGGA
AAATTATAATATGCCAGCAGATCAGTAGAAATGTAAAAATATTAGTAGTTACCCTTTTAG

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ATCCAACCTTACCTGTAGTGAAATAGCAGCAATGCATTCTCTATTTGAGGACAAAACATAA
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>SEQUENCE:5657:prostate_MPM2000-004P4Novel007_8Table3

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GTGGTGTGATCTCAGCTCACAGCAACCTGACCTCAGGTGATTCACCCGCCTCTGTCTCCC
AAAGTGCTGGGATTACAGGCGTGAGCCACTGCGCCCGGCGTCTTTGAATTTTTTAACTG
AAGTTTAATTGCCTTTGAGTTTGATCATTCACTATTTGTCATTTGTATTTCTTTTGTTAA
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TATCACCCGCCTTAATTAATTCTAGAAGTACTCTCGAGGGGGGGCCCGGTACCCAGCTTT
TGTTCCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCT
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>SEQUENCE:5658:prostate_MPM2000-004P4Novel007_8Table3

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TTGCTTCACGGGGTGATGACAGAATGTTCCAGAACGTGACAGAGGTGGTGCCTACACAAC
TTTCTGGATGTACTAAATGCCGCTGATTGTTCACTTTCAAGTGATTGATTTTAGGTTAT
TTGAATTTTATCTCAATTAATAAACCCAAACACGCAAACTGCTCCCGCCAGCTTAGCCCC
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>SEQUENCE:5659:prostate_MPM2000-004P4Novel007_8Table3

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CAACCCTCTCATAACAGGCTGGGAAGTGACCCGCGTTAATTAACGCGGGGGGAAATTGAT
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>SEQUENCE:5660:prostate_MPM2000-004P4Novel007_8Table3

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AAACAAGGGGGCTCCCCAAAAAAATCTTATTTGGGGGAGGTAAAAACCCCTTTGGGGC
TCCCCGGGATTATCTTCAGGGGCCCTCTTAATTTTATTCAGGGCCCCCGGAAAAATTA
AGTTCCTACAGCCCCGGGTAAAAAATTCTAAAAGCCCCCCCCGGGGGGGGGCCCGGACCC
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>SEQUENCE:5661:prostate_MPM2000-004P4Novel007_8Table3

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TTATCCTGGATAACATAGTCTTATCAAATATTTCCCTGGGGGATATAATTGGAAGGGAAG
AATTTCAATTAACATTTAAGCTCCCCGCGTTAATTAATTCTAGAAGTACTCTCGAGGGGGG
GCCCGGAACCCAGCTTTGGTTCCCTTTAGGGAGGGTTAATGGCGCGCTTGGCGTAATCAT
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>SEQUENCE:5662:prostate_MPM2000-004P4Novel007_8Table3

ATTGGAGCTCCACCGCGGTGGCGGCCGCTTTTTTTTTTTTTTTTTTTTTTGGAGACG
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TCGGCCTCCCGAGGTGCCGGGATTGCAGACGGAGTCTCGTTCACTCAGTGCTCAATGGTG
CCCAGGCTGGAGTGCAAGTGGCGTGATCTTGGCTCGCTACAACCTCCACCTCCAGCCGCC

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TGCCTTGGCCCCCAAAGTGCCGAGATTGCAGCCTTTGCCAGCCGCCACCCCGTCTGGG
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GGCTGCCAGTCTGGAAAGTGAGGAGCGTCTTTGCCGGCCGCCATCCCATCTAGGAAGC
GAGGAGCGCCTCTTCCCCGCCTTAATTAATTCTAGAAGTACTCTCGAGGGGGGGCCCGGT
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>SEQUENCE:5663:prostate_MPM2000-004P4Novel007_8Table3

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TCCATCTCTCCACCTGCTTTTTGAATATTGGCGCATCTTACAATAAGCTCTTCCCTTCAT
GGTCCAAGATAAACGTAAACAATTTCCAAGGTTCCATGCATCCTCATCTTACCCACAC
TTTAAACTATCATTCTAGTCCACCCCTGAGATTTGATCTGATTGGACTAGCGTTGATC
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>SEQUENCE:5665:prostate_MPM2000-004P4Novel007_8Table3

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AAAAGTCATATGTAGCCTTTACAAATATTAGCTCAGTCATTTTCAGAAAGGTTTTTCCAA
TTATCATTAGAGATGAGGAACTGAAGCTCAGGGAGGCTAGGAACTTATCCAAAGCCT
CTTAAGAGGCTATGTTAGTCAGACTGGGCTAACAGCTGTAACAACCCCAAGATTTAAATG
GCTTAACACATTAGGAGTTTATTTGTTATTGCCATAACAATTCAGGGTGTATGTTTGGCA
GGTAGTCTACACAGTGATTCAGGGACCCAGGCTCCTTCCCTCTGGTGGCTTTTTCTCCCT
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>SEQUENCE:5666:prostate_MPM2000-004P4Novel007_8Table3

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TTCCCTTAAATATGTGTGGATATTTTCTGAATGGTCTAAGCATCTCTTACTGTGAGTCA
TTTCTGCAAATGAACAACTCATTCAATTATGAAGTAATTCTTACTAGTGTCTCTCTGAAA
ATGACTTTTTTTTTTTAACTTTAATCTCTTACCTCCAAATTCCAAAGGTACATATTACA
GCTCTTATGAATGTCCTGAAGCATGCTAGGGGAGTTATTTTGTGCTGCCTTAGCCCTTGGA
TTAGAATTTTGTATAGTAGATATTTAATGAATGTTTATAGGGCTTATGATTAACTTGGT
AAATAAGCTATAAAAATGAAAGAAATTCTTTGGGGAAATAAAGAGTCTTTTCTTCTGCTA
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>SEQUENCE:5667:prostate_MPM2000-004P4Novel007_8Table3

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GCATAGAGATGGGTAGACCCTAATTTGGAACAGCCATTGACTGGGCACAGGCCAGCACTT
TGGGAGGCCGAGAGGCCGAGGCAGGAGGATCGCTTGAGGCCAGGAGTGCCAGACTGCGA
G

ACTAGCCTGGGTAAACATAGTGAGACCCTCTCTTCAAAAAAAAAAAAAAAAAAAAAAAGC
CTGTCACGGTGGCCTGCGCCTGTACCCAGCTACTCGAGAGGATCGCCTGAGCCCAGTGA
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GTCTCTGATAAAAGAATAAAAGCTG

>SEQUENCE:5668:prostate_MPM2000-004P4Novel007_8Table3

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTTTTTTTTTTTTTTTTTT
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TGCTGATTATAGCAGTGACATAGTTGCATTCTAGAGACCTTAGAAAATGCAGAAAATTTT
AAGAAAAACATTTAAATTGTGCTCATAGTGAACTGAGAGGTGACCACTCTTAATATTTT
GTGGCATAAGCATTCCAGTCTTTTATCTTTCTCAAAGTTTACATAAACTTTCTCAAAGG
CCATTAAATACTTTTCCATAGCCTGATTTTTGTGACCACATAGAATCCTATTATATTGA
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>SEQUENCE:5669:prostate_MPM2000-004P4Novel007_8Table3

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GACTACTATATGGCGAATAGGAGCTCCACCGCGGTGGCGGCCGCTTTTTTTTTTTTTTTT
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Table 7
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>SEQUENCE:5688:prostate_MPM2000-004P4Novel007_8Table3

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Table 7
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Table 7
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>SEQUENCE:5698:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5699:prostate_MPM2000-004P4Novel007_8Table3

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TGGCTCACTGCAGCCTCCGTCTCCACACTTAAGCGATTCTCCTGTCTCAACCTCTGGTA
GCTGGGACTACAGGCACATGCCACTACATCTGGCTAATTTTTTTTTTTTTTTTTTTTTT
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TCTGCCACCTTAGCCTCCCAAAGGGCTGGGATTACAGGTTTGAGACACCACACCTGGCC
TCAAGTGCTTTTTGACAGGACTGAACTTCACATCTACTCATCTAAATTTTATTTCATCCTC
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>SEQUENCE:5700:prostate_MPM2000-004P4Novel007_8Table3

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GTGCAGCAGCATGATGTCGGCTCACTGCAACCTCCACCTCTCGGGTTCAAGTGATTCTCC
TGCCTCAGCCTCCTGAGTAGCTGGTATTATAGGCGTGCGCCACCACACCCTGCTAATTTT
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CTTGTGATCTACCTGCCCATCCTCCCAAAGTGCTGGGATTATAGGCCTGAGCCACCGCA
CCGGTCTCTCCTTCTCTTTAAGCTCTGGTCCCAAAGTCTACCCGCTTCCCCAGCCAGG
CCTCCCCCTGAGCAGACACACTGACCAAGAGAAGCCTCCACCTACTGCCTGGACATGCAA
ACCCTGCCGCAGCCCAAGGCCTTGGAGAGCTAGAGTTATGCTTCCGGCCAACGCTGAACC
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>SEQUENCE:5701:prostate_MPM2000-004P4Novel007_8Table3

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GCCGGAGACGGTCCTGCTGCTGCCGAGTCTGCCAGCTGTCCGACGATGTCGTCCCACC
TAGTCGAGCCGCGCGCCCTGCACAACAACCAACAACAACTGCGAGGGGAAATGAGCA
GTCTCTGCCCCCGCCGGCCGCTCAACAGTTCCTGGGTGGAGCTACCCATGAACAGCAG
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>SEQUENCE:5702:prostate_MPM2000-004P4Novel007_8Table3

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GCATCCCTTCATCATTTTTGTTGCCCTTCTATGGGCCTAGTTTAGGTCTGAGAGGCATAGT
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GAATTCTGGAGGTAGACTGGTTCAAGGGTGGATTAATTAATTCTAGAAGTACTCTCGAGG
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>SEQUENCE:5709:prostate_MPM2000-004P4Novel007_8Table3

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CCTATTGCCGGCAGGAAGGAAGGATCGAATCATATTTGTAACCAAAGAAGATCATGAAAC
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GATACTGCCAAATGGAAACATTAAGTGAAGTGGCCATGCCTTGGGGGAATGGCCAGCGG
TCCCTGTGGAGAACAGTTTAAGTCAGCCTTTTCTGCTTCCACTATAGCACGGAGGAGAT
CAAGGGGTCAGACTGTGTAGACCAGTTCCGGGGCCATGCAGGAATGCATGCAGAAATACCC
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>SEQUENCE:5710:prostate_MPM2000-004P4Novel007_8Table3

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AGTTGTGGCATTACACCTAATGGATGAGGTGCCATTCCGAGGTCCAATCGGTGCAGTCT
GGGGCTGAGGTGAGGAAACCTGNGTCCTCAGCGAAGGTGATCCCAGATACACGTTACCT
TCCACTACATACTGGGGGCGACAGGCCCTGGAAAAGGGCTTGAGTGGATGGAACGTG
TTGATCCTGAATATGGCGACACACTATATGCACAGAATTCCAGGGCAGAGTCACCACTAC
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>SEQUENCE:5711:prostate_MPM2000-004P4Novel007_8Table3

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TTTTATGGTGTAATAGTTTTTAAATTGGTGTCTTGTAGAGGGGACAATCGGTAGAGCC
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TATTATTTTTTAACTGGAAGATCTTACTATTGCAGGTATTTTGATAACAAAGGTTATAA
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>SEQUENCE:5712:prostate_MPM2000-004P4Novel007_8Table3

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AGTCATATGTAGCCTTTACAAATATTAGCTCAGTCATTTTCAGAAAGGTTTTTCCAATTA
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TGCTGGGAGCTCTCCATGCAGATGGTGGATGGAGAAAGAGAACAAAAAGTGGGGGATTTT
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>SEQUENCE:5713:prostate_MPM2000-004P4Novel007_8Table3

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CACTCCAGCCTGGGTGATAGAATGAGACTCAGTCTCAAAAAAAAAAAAAAAAAAGAAAAAAC
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GCACCAAATCTCAGAAATCACCCTGAAGAACTTTTCCATGCAACCAAACACTACTTGT
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>SEQUENCE:5714:prostate_MPM2000-004P4Novel007_8Table3

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CCCCTAAAGTGCTGGGATTACAGGCGTGAGCCACCACACTCGGCGAGGTTCATTTTCTC
ATGTGAAAGACTTGACATTCATCTCTGCCACACTTTGATCATATCAGAAAACAACCTGT
GCAGCCGCTTTCTGATTGCTGAAGCCGCTTCATTCTTCCTCAGCAGGACCCATGTCTCGG
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TCGGACCCGCTAGATCATAGTGATAGGCACATCTTTTCGAATCAAGTGAATTCGCTCCAGC
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>SEQUENCE:5715:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5716:prostate_MPM2000-004P4Novel007_8Table3

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TGTCATTTCAAATGGGGGAAAATGAATTATTCAACAAATGATCTTGGGACAACCTGGATAG
CCATTCAGAAAAAAGTGAAGCTGGAACACTATAACATGCTTTACCCCAACAATAATCAG
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>SEQUENCE:5717:prostate_MPM2000-004P4Novel007_8Table3

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GTAGCTGGGATTACAGGCACCTGCCATCATGCCCAGCTAACTTATATATTTTTTGACTTA
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TCACCTGCCCCGCCTCAACCTTCCAAAGTGCTTGGATTACAGGCGTGAGCCACTGCACCC
AGCCATTCTTCTTTTTATGAAAAAGAAAATGTTATCTTTGTGGTAATAAACAGCAAACAT
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>SEQUENCE:5718:prostate_MPM2000-004P4Novel007_8Table3

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TTCTAATTAATTTTATTATTTTAAATTTTGTGGGTACATAGTATGTATTTATATGTGTA
TATATACATATATATGGGGTACATTACATGTTTTGATATAGTGATAGCTTAACAGGAT
GACTATAGTCAATAATAACTTGATTGTACATTTTAAATAAGAGTGCAATTGGATTGTTG
TAACTCCTGTATACTTTAAATCATCTCCAGTTTACTAATACTAATAACAATGTAAATGCA
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ATGTTT

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>SEQUENCE:5719:prostate_MPM2000-004P4Novel007_8Table3

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CAATTATCATTTTAGAGATGAGGAACTGAAGCTCAGGGAGGCTAGGAACTTATCCAAA
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>SEQUENCE:5720:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5721:prostate_MPM2000-004P4Novel007_8Table3

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ACAGGCGTGAGCCACTGCGCCCGGCTGTCTTTGAATTTTTTAACTGAAGTTTAATTGCC
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AATTAATTCTAGAAGTACTCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGT
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>SEQUENCE:5722:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5723:prostate_MPM2000-004P4Novel007_8Table3

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CTTGATGGGGATGGCATTGAATCTGTAAATTACCTTGGGCAGTATGGCCATTTTCACAA
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>SEQUENCE:5724:prostate_MPM2000-004P4Novel007_8Table3

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TGTCGTCCCACCTAGTCGAGCCGCGCCGCCCTGCACAACAACAACAACACTGCGAGG
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>SEQUENCE:5725:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5726:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5727:prostate_MPM2000-004P4Novel007_8Table3

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CTGGAAAAGAAATAACAAAACGGCAGGAGTAAATCCTTATTTATGAACAATAATATGGAA
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>SEQUENCE:5728:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5729:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5730:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:5731:prostate_MPM2000-004P4Novel007_8Table3
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CGGAAGCATAAAGTGTAAGCCTGGGGTGCCTAATGAGTGAGCTAACTCACATTAATTGC
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>SEQUENCE:5733:prostate_MPM2000-004P4Novel007_8Table3
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CAAAGGCAATTAACCTTCAGTTTAAAAAATTCAAAGACGCCGGGCGCAGTGGCTCACGCC
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>SEQUENCE:5734:prostate_MPM2000-004P4Novel007_8Table3
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GTAGCCTTTACAAATATTAGCTCAGTCATTTTCAGAAAGGTTTTTCCAATTATCATTTTA
GAGATGAGGAACTGAAGCTCAGGGAGGCTAGGAACTTATCCAAAGCCTCTTAAGAGGC
TATGTTAGTCAGACTGGGCTAACAGCTGTAACAACCCCAAGAATTTAAATGGCTTAACACA
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GAGCTCTCCATGCAAATGGTGGATGGAGAAAG

>SEQUENCE:5735:prostate_MPM2000-004P4Novel007_8Table3

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CGAGGCGCGTGTGCGTTCTCAGGTGCTTGATCATGGCCGAGTAGTCCCGGGAGCGCTG
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>SEQUENCE:5736:prostate_MPM2000-004P4Novel007_8Table3

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GCGATCCTCCTGCCTCAGTCCCCTAAAGTGCTGGGATTACAGGCGTGAGCCACCACACTC
GGCCGAGGTTCATTTTTCTCATGTGAAAGACTTGACATTCATCTCTGCCACACTTTGA
TCATATCAGAAAACAACCTGTGCAGCCGCTTCTGATTGCTGAAGCCGCTTCATTCTTCC
TCAGCAGGACCCATGTCTCGGACATAGGAATCCGGCCGCTGCATCTTCACCTTTTTTCCC
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>SEQUENCE:5737:prostate_MPM2000-004P4Novel007_8Table3

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CCATAGGCAGAACCTGTGGAGCAAGAAAGTTTGCTAATAAAATTTTGTTTACCCTAACAT
AGGTTCTTCATGGAGAGCAGTACTTAGAGTTATATAAACCCTTCCCAGAGCAGGAAAAT
TAAAATGTGAAGCAGTTGTTGCTGATGTCCTAGATAAAGGATCCGGTGTAGTGATTATTA
TGGATGTCTATTCTTATTCTGAGAAGGAACCTTATATGCCACAATCAGTTCTCTCTCTTC
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>SEQUENCE:5738:prostate_MPM2000-004P4Novel007_8Table3

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TGAAATGAAATCTACTCCTGAAGATGCTGTGAACATTGTTGAAAAGACAACAGACTTAGA
ATATTACATCAACTTAGTTGATCAAGCAGTGGCGAAGTTTGAGAGGATTAAGTCCAATTC
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TTTTCATGTAATGAAGAGTCAATCAATGCAGCAATCTTCACTGCTGTCTTATTTTAAGAA
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>SEQUENCE:5739:prostate_MPM2000-004P4Novel007_8Table3

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GGTAGTCTACACAGTGATTCAGGGACCCAGGCTCCTTCCCTCTGGTGGCTTTTTCTCCCT
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>SEQUENCE:5740:prostate_MPM2000-004P4Novel007_8Table3

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GATGGCAGAACTTGTGTTGGGCCAGATTACCGGTTTGGGTGGTGTGCTGATCCACCAGG
TGCAGGGTCTGCAACATATCTCAAGCACTGATGTTAGGTTTTACAATAGTGATGTGATCC
CAGGAGCAATTTGGGGAGGTTGAGACTTGAACCAGAGGCTGCATGACCCCTAAACCATA

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ATGTCTAATCTTACAGCTAATTTGTTAGTCCTGCAAAGACAGACTGGTCCCCAGGCAAGA
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>SEQUENCE:5741:prostate_MPM2000-004P4Novel007_8Table3

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CACCACGTCTGGTCAGACAGGCATAGTTTTACAAATATGTGGGTGGATAAATGCTGTCCA
GTCTTACTTCATCACTTCTATCAATTGAATGCTTTTGGTTGGAAATAACAGAAAATCCAA
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>SEQUENCE:5742:prostate_MPM2000-004P4Novel007_8Table3

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CCTACCTGCAGAGCATGCGGGACCTCCTGGAGATGACCGACTGGCCCTGGGACTTCTTCA
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>SEQUENCE:5743:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5744:prostate_MPM2000-004P4Novel007_8Table3

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GACCTTTCCAGGCTCAGTTGATCCTCCCACCCCCGCTTAATTAATTCTAGAAGTACTCT
CGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGGGGGTTAATTGCGCGCTTGG
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>SEQUENCE:5745:prostate_MPM2000-004P4Novel007_8Table3

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ATGAGCTGCACTCAGCTCTTCAGCATCCACAGTTATGCACTTTACCCTTTTTAATATTGG
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>SEQUENCE:5747:prostate_MPM2000-004P4Novel007_8Table3

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CCTACCTGCAGAGCATGCGGGACCTCCTGGAGATGACCGACTGGCCCTGGGACTTCTTCA
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CCCGATACCGAGATATGAATTTCTTGAAGTCACACGGTCGGGACAATGCAAGGTTTCATTC
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>SEQUENCE:5748:prostate_MPM2000-004P4Novel007_8Table3
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CTGGGACTACAGGCGCCAGCCGCCATGCCTGGCTAATTTTTTTTGGTATTTTTTAGTACA
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CTTCAGCCTCCCAAAGTGCTGGGATTACAGGCATGAGCCACCATGCCCGGCCGATTTAC
CTTTCAATGGCAATTACTATAAGACAGGAAAGTTATTTATTTTTATATATTTACCTAAT
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TGAATATGGACCTTATTTAAACAATGTATCCCTAGCACCTAGACAATGCCTAACCTGTCA
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>SEQUENCE:5749:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:5750:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:5752:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:5753:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5759:prostate_MPM2000-004P4Novel007_8Table3

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TTTTTATTATACTTTAAGTTTTAGGGTACATGTGCACAACGTGCAGGTTTGCTACATATG
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TACGTGTTCAATTGTACCCCTTATCGACTTTGCAGCATGCTTATCCATCTAACTATTCTATCT
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TTTTTAAGAAGGTATATTTGCTAGCAAAGAAAGAAAAAATATGACAGCTTATTTATATAG
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>SEQUENCE:5760:prostate_MPM2000-004P4Novel007_8Table3

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CAATTATCATTTTAGAGATGAGGAACTGAAGCTCAGGGAGGCTAGGAAACTTATCCAAA
GCCTCTTAAGAGGCTATGTTAGTCAGACTGGGCTAACAGCTGTAACAACCCCAAGAAATTA
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CCCTCTAGTGCTGGGAGCTCTCCATGCAGATGGTGGATGGAGAAAGAGAACAAAAAGTGG
GGGATTTTTATAGGCCAGGCCTGGAATTGGCCACATCACTTCCACACACATTCCACTGG
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>SEQUENCE:5761:prostate_MPM2000-004P4Novel007_8Table3

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CGGAAGCATAAAGTGTAAGCCTGGGGTGCCTAATGAGTGAGCTAACTCACATTAATTGC
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>SEQUENCE:5762:prostate_MPM2000-004P4Novel007_8Table3

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CAAGCTCCGCCTCCCGGGTTCACGCCATTCTTCTGCCTCAGCCTCCCGAGTAACTGGGAC
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>SEQUENCE:5763:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5764:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5765:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5766:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5768:prostate_MPM2000-004P4Novel007_8Table3

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ACACAGCAAAACCCCATCTCTATAAAAATAAGCCAGGTATGGTGGCACGTGCCTGTAATT
CCCACTACTTTGGGAGGCTGAGCTGAGAGGGTCGCCTGAGCCTGGGAGGTCAAGAATGCG
TAAGCCGTGATTGTACCACTGCACGCCAGCCTGGGTGAGACCCTGTCTCAAAAAAAAAA
AAAAAAAAAAAAAAAAAAGCGGCCCGCCACCGCGGTGGAGCTCCAATTCGCCCTATAGT
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>SEQUENCE:5769:prostate_MPM2000-004P4Novel007_8Table3

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CTCACTATAGGGGCGAATTGGGAGCTCCACCGCGGTGGCGGCCGCGGAGATGCCTGAC
G
CATCTGTCTGAGGAGCGGTCACTGACGCGATGGAGCGGGCAAGGGATCGCTTACACCTGA
GACGAACTACAGAACAGCACGTACCAGAGGTGGAAGTCCAAGTCAAACGCAGAAGGACTG
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CTGTGGTGGATTTCCAGGCTGAACTGAGGCAGGCATTCTTAGCTGAGACACCAAGAGGTG
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CTCTTTGAAGCTTCTGCCAGCTTGCATTGTTTCTAGGAGAACCCGCGTTAATTAATTCT
AGAAGTACTCTCGAGGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAAT
TGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCAC
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>SEQUENCE:5777:prostate_MPM2000-004P4Novel007_8Table3

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CATCTTCACTAAAAGGAAGACAGAAAGGAAAGAAATAAGGAAGAGAAGATCACAAAACAA
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>SEQUENCE:5778:prostate_MPM2000-004P4Novel007_8Table3

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TTATTTTTTTAAAAAAGGGGGGGGGGAGGGAAACACACTTTTTTAAAAACAAAAA
AAAGGGGGGGGAACACGCCCAAAAAAAAAAAAAAAAAAAGCCGGGACAAAAAATTGG
GAGAAAACCCCAATAGGTTTAAGGCAAACCGGGGGTTTTTTTAAAAAAGCACCTT
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>SEQUENCE:5779:prostate_MPM2000-004P4Novel007_8Table3

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GCGTGGCTTATTTTGAATATAGCTGGAGCAAACCCCTCTCATAACAGGTCTGGGAAGGTGG
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>SEQUENCE:5780:prostate_MPM2000-004P4Novel007_8Table3

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AACAGAAAATCCAACTAAAAGTGACTTAAACAAAGGAAATGTTATTATCTCATGTACCAG
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ATCTATGAGAATGATAGAAAACATGGTGTGTAATTTGATAGCAATATTTTGGAGATTACA
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CAATTTTAATGTGAATTGCACATTATCCTTTAAAAGCTTTCAAAAG

>SEQUENCE:5783:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5784:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5785:prostate_MPM2000-004P4Novel007_8Table3

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GCCAGAACAGGGAAAACCTTTTTTAAACAACAAAGACCCAAAGTCGATCAACAATTGCCA
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CGAACCTGACAAAGGGGGGGGCCACACAACCTTTTTGGATGTACTAAAGGCCCTGATTGG
CCACTTTCAAGGGATGGATTTTGGGTATTTGAATTTCACTCAATTAATAAAACCCAAA
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>SEQUENCE:5786:prostate_MPM2000-004P4Novel007_8Table3

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AATGTGATTTGCAGGCTTCCTGAGCAAAGTAGATTTCACTCCATTAAAGAAAAAAAAAAG
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>SEQUENCE:5787:prostate_MPM2000-004P4Novel007_8Table3

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GGCCCAGGGGGAGAGAGGCTACCTGAGGGGAAGGAAGCACAAAGGGACCCGCTGCAGA
C
TCAGGGCAAAGGGAATGCCATCGGTGCTGGGACCTGTGAGCACTACAGGAGGAAACGCGA
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A

CAAAGCTACTTGGGTTCCTCCTTCTTCTCGTTTGCCTTTTTCTGCTTCTGCTGCATGATC
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>SEQUENCE:5788:prostate_MPM2000-004P4Novel007_8Table3

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AGAAATATAGGTTATTTTTTTTTTTTTTTATTTTTTTTAGATGGAGTCTCACTCTATTGCCAG
GCTGGAGTGCAGTGGCTGTAGTGGCCTGATCTCGGCTCACTGCAACCTCTGCCTCCCGGA
TTCAAGTGATTCTCCTGCCTCAGCCTCCCGAGCAGCTGGGAATACAGGCACCCGCTTAA
TTAATTCTAGAAGTACTCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGA

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GGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTAT
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>SEQUENCE:5789:prostate_MPM2000-004P4Novel007_8Table3

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CCTGATCTCGGCTCACTGCAACCTCTGCCTCCCGGATTCAAGTGATTCTCCTGCCTCAGC
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>SEQUENCE:5790:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5791:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5792:prostate_MPM2000-004P4Novel007_8Table3

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CATACAGTATGAGGCAGAGTGGGCACTAAACAAATGTTTATTTTGATGAGGAAAAGATGG
ATAAATTGATGACAAAGGTGTGACATATTTCTTGTAACAAAAAAGAACACCTTGGGG
CACTAAAAGTATAGAAAAATTGCTAAGAAGCCAGAAGGGGGAATTAAATTAATAATT
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>SEQUENCE:5793:prostate_MPM2000-004P4Novel007_8Table3

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AACTTTCTCAAAGGCCATTAAATACTTTTCCATAGCCTGATTTTTTGTGACCACATAGT
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>SEQUENCE:5794:prostate_MPM2000-004P4Novel007_8Table3

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GATGAGAAACACTGTAAACATTTTACAGACCCACAAAAGCTCACATTGTAAACAGGAT
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>SEQUENCE:5795:prostate_MPM2000-004P4Novel007_8Table3

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GTTAGTCAGACTGGGCTAACAGCTGTAACAACCCAGAAATTTAAATGGCTTAACACATTA
GGAGTTTATTTGTTATTGCCATAACAATTCAGGGTGTATGTTTGGCAGGTAGTCTACACA
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>SEQUENCE:5796:prostate_MPM2000-004P4Novel007_8Table3

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CCACTTTTTCCAATTATTTGCTTTTGAGAGTCTCAGGATTATCCTTCCTTCCTCTCCTTC
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TGGTGTTTTAAGAAGCTTTTATTGAGCCAACTGAACTTCAACAAAGCAAACGAAAACATA
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>SEQUENCE:5797:prostate_MPM2000-004P4Novel007_8Table3

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CACTCCAGCCTGGGTGATAGAATGAGACTCAGTCTCAAAAAAAAAAAAAAAAAAGAAAAAAC
AAAGACTACACATTGGGTACAGACTTGATGGATAAAAAAGACTACCCTTGGGTGATGGGT
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>SEQUENCE:5798:prostate_MPM2000-004P4Novel007_8Table3

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AGCTGGGACTACAGGTGTGTGCAACCACATCCAGGTAATTTTGTATTTTAGTAGAGATG
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GGCCTCCAAAGTGCTGGGATTATAGGCATGAGCCACCGCGCCAGCTAGAAAATACATTT
TTGAAGCAATAATAAGATGTGAACCAATTTAGTGTTCTCAACATGTCAAGCCTTACCG
ACAATGCAAAGCAATAGAACTCAAAGCAATAGAACTGCTGGTGAGATATAACCTGGTT
CAACCCGGTGGAATACTTTGGCATTAAACATGCCAACTAAAGTTAAATACGCACATAA
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>SEQUENCE:5799:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5800:prostate_MPM2000-004P4Novel007_8Table3

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TAGTCTACACAGTGATTCAGGGACCCAGGCTCCTTCCCTCTGGTGGCTTTTTCTCCCTCT
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>SEQUENCE:5801:prostate_MPM2000-004P4Novel007_8Table3

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GGATTACAGGTACCCACCACCATGCCCAGCTAATTTTTGTATTTTAATAGAGATGGGG
TTTCACCATGTTGGCCAGGCTGGTCTTGAACCTCCTGACCTCAGGTGATCCACCTGCCTCG
GCCTCCCAAAGTGCTGGGATTACAGGTGTGAGCCATGGTACCCAGCCTTCCTCAGCATTT
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>SEQUENCE:5802:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5803:prostate_MPM2000-004P4Novel007_8Table3

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GCAACCTGACCTCAGGTGATTCACCCGCCTCTGTCTCCCAAAGTGCTGGGATTACAGGCG
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TGATCATTCACTATTTGTCATTTGTATTTCTTTTGTTAATTATCTGCTCAAGCTCTAATT
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>SEQUENCE:5804:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5805:prostate_MPM2000-004P4Novel007_8Table3

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TGTAATATTTCCACATACCAGACAATCTTCTTTAGGATTCCACAGAAATTTGAGCAGG
CAACTAGTCCTATCCTCCGCTTTCCCCACCCTCATCACCAAATTTACAACCTCCACAATC
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>SEQUENCE:5806:prostate_MPM2000-004P4Novel007_8Table3

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AGGAATGATAAAAACACTACTGGATTCATTTAGACTATTGATTTAGGAAGGTACAACCACT
TCTTTAACATCAAGCTAAAAGTGGGGGAAAGTCTCAGTCTCCAGGTAGGTCTCCTCTCA
CACTGTCCTGGGTGGCAGGCGCTGTTTATACATGCCCGCTATCGCTCTGGCTGCACTGTA
GATCATCTGCCGACGGGACATCCCAGTAAATGCCATGTGCCAATCAGTCCGGCTGACATT
CAGTAAACTCTTTTCCAGGACTTCACCCACTGTCACCAAAGGCCTGACCACCTCAGATT
ATAGTCCTGGGGAGTTAGACTTTGAGCCTGCTGTACAAATTCCAAGGCACTGGTGTGGC
TTGTGTAAATGTTTCTAGATGAATGCCATGGACAGGATCTTCAACCACCAAACAACCAAT
GTCAAACCATTTGTCAGGCAGCAATTCTGCAATGAAGTTTTCTACTGACAC

>SEQUENCE:5807:prostate_MPM2000-004P4Novel007_8Table3

GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTTTTTTTTTTTTTT
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ATGCTGGACACTAGACCAGCTATAACATTTTCAGATAGAGTGACTTCATGCGTGAAATGA
TCACATACAATGAAGAGGTTTTAAAAAATACAGATGACATAACTTGTTCAAGTTGAAGAAA
ATTAAATACTGATATAAACTAAATCATTCTCCTCTTCATTTTAGGGGGATTTTTCTCTG
CAATTGTACTGATTTATGACTAGAAAGCTGAAGACTGATTTGAGCCTCTTAGCAATACT
CTATTTCAACATTTATCTTCCAAAGAATTATGGCTATTTTATTTCTTCCAATGAAGCTGG
AAAATTATAATATGCCAGCAGATCAGTAGAAATGTAAAAATATTAGTAGTTACCCTTTTA
GATCCAACCTTACCTGTAGTGAAATAGCAGCAATGCATTCTCTATTTGAGGACAAAACATA
AAAACCCTGGCTTCATAAACATAGAGTATTAAAAAATCTCAGAAGTTTAATGTGTAGACA
TTTGCTAATATTT

>SEQUENCE:5808:prostate_MPM2000-004P4Novel007_8Table3

GTAATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTTTTTTTTT
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TAACGTGGATAAAGGGCTCCATCTTGGACAACCTTGATCAGTCTTTCTTCTGTGCTGAAC
AGGGCCTGCCAATAACAAGAAATTCAACGCCATTTACAAAGCTTTCTTGTCTTACTCTCA
GAGAAAGCCATTACTGTTACATCATTCAAGAGGCTGTCAAGCTCACACCTTTCTTAAAT
AAGTGTTAGCTTTTTGGGCTGCCTTCCCCCAGTTGCTCTGTGCTCCAAACAGATGCCTGT
GTTTAGTCCCCCCCCGTTAATTAATTCTAGAAGTACTCTTTAGGGGGGGCCCCGTACCCA
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>SEQUENCE:5809:prostate_MPM2000-004P4Novel007_8Table3

CACCGCGGTGGCGGCCGCTTTTTTTTTTTTTTTTTTTTTTTACTTGAATTGTTGTTAT
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CACAACGTGCAGGTTTGCTACATATGTATACATGTGCCATGTTGGTGTGCTGCACTCATT
AACTCGTCATTTATATTAGGTATATACGTGTTCAATTGTACCCTTATCGACTTTGCAGC
ATGCTTATCCATCTAACTATTCATCTTTATTTGCCTTCGTTTTTTGAGTTCCCTTATTCA
TCCTAAAACAAAATATAATGCCTGACTCATAGTCAGACTTCACAGTATTTTTAAATGAAT
TACATTGCATTGGGGAAATATAAATAGTAATGTCCTTTTATTAGAGGAAGTCTAAAAGAA
ATTCTTGGGTGAATTGATAATCAAACATTTTTAAGAAGGTATATTTGCTAGCAAAGAAAG
AAAAAATTTGACAGCTTATTTTATATTAGAAAACCTATGGATTCTGGGATTTTTCTTTGT
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>SEQUENCE:5810:prostate_MPM2000-004P4Novel007_8Table3

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GCATCCCTTCATCATTTTGTGTCCTTCTATGGGCCTAGTTTAGGTCTGAGAGGCATAGT
TTTAAAATTTTTATTGTTATTTATTTATTCTAGAGATAAGGTCTTGCTATGTTTCCCAGG
CTGGTCTTGAACCTCTGGCCTCAAGCAATCCTCCTGCAGCAGCCTCCCAAAGTGCTGGGA
TTACAGGCATGAGCCACCACGTCTGGTCAGACAGGCATAGTTTTACAAATATGTGGGTGG
ATAAATGCTGTCCAGTCTTACTTCATCACTTCTATCAATTGAATGCTTTTGGTTGGAAAT
AACAGAAAATCCAACCTAAAAGTGACTTAAACAAAGGAAATGTTATTATCTCATGTACCAG
GAATTCTGGAGGTAGACTGGTTCAAGGGTGGATTAATTAATTCTAGAAGTACTCTCGAGG
GGGGGCCCGGTACCCAGCTTTTGNCCCTTTAGTGAGGGTTAATTGCGCGCTNGGCGTAA

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TCATGGTCATAGCTGTTTCCTGTGTGAA

>SEQUENCE:5811:prostate_MPM2000-004P4Novel007_8Table3

CTATACGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTTTTTTTTTTTTTTTTTT
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CTCAATGCAAGCTCCGCCTCCTGGGTTACACCATCTCTTGTCTCAGCCTCCCGAGTAG
CTGAGATTACAGGCACCTGCCACCACGCCCGGCTAATTTTTGTATTTTAGTAGAGATG
GGGTTTCACCGTGTTAGTCAAGATGATCTCGATCTTCTGACCTCGTGATCCACCCGCCTC
AGCCTCCCAAAGTGCTGGGATTACAGGCGTGAGCCACCGCACCCGGCCTTTCCTGTCATT
TTTAATGGATATATGGGGAGGTTATCAGGTAGCCTGCCTCTCAGATTCTTCCTTCCCTGT
TCTGTTTTAGAACCTTTCAGTACTGTTATAAAACATATATTCTAGTATCTGAGCTCCAAT
GAATCCCCATTTTTTCATCCCTCAGATACATCTACTTCTTTAGCAAAAGTCCTTTTAAAAA
TTAT

>SEQUENCE:5812:prostate_MPM2000-004P4Novel007_8Table3

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ACTGCCAGCTCCGCCTTCCGGGTTTCATGCCATTCTCTTGCCTCAGCCTCCCGAGTAGCTG
GGGCTACAGGCGCCTGCCACCACGCCCGGCTAATTTTTGTATTTTAGTAAAGACGAGA
TTTCACCGTGTTAGCAGGATGGTCTCAATCTCCTGACCTCGTGATCCACCCGCCTCGGCC
TCCCAAAGTGCTGGGATTACAGGCGTGAGCCACCGCGTCCGGCCTGGACCCTCTTAGTTA
ATAATTTTAAAGCAAACTGTGGGCGATTTTGCTGTGCATTAAGAGAATTGCTATAAAGA
TGATATCTGGGACTTAGCTGGAGAACTTGATTGTTAGGGCCCTTGGTGCTTAGAAAAAT
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TCTCTTAC

>SEQUENCE:5813:prostate_MPM2000-004P4Novel007_8Table3

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CTCACTGGAAGCTCTGCCTCCAGGTTACACCATCTCCTGCCTCAGCCTCTCAAGCAG
CTGGGACTACAGGCGCCAGCCGCCATGCCTGGCTAATTTTTTTTGGTATTTTTTAGTACA
GATGGGGTTTACCGTGTTAGCCAGGATGGTCTCGATCTCCTGACCTCGTGATCTGCCCA
CTTCAGCCTCCCAAAGTGCTGGGATTACAGGCATGAGCCACCATGCCCGGCCGATTTAC
CTTTCAATGGCAATTAATAAGACAGGAAAGTTATTTATTTTATATATTTACCTAATT
TTAAGTTACCTTATACAACCTCATTAAAGTCTGTAGAACTAGAAATTTAACTCTATG
TGAATATGGACCTTATTTAAACAATGTATCCCTAGCACCTAGACAATGCCTAACCTGTCA
CATTAACTTAATATATATTTTATTTATTTTTTGGGTTATTTATTTTTTTGAGACAGAC
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>SEQUENCE:5814:prostate_MPM2000-004P4Novel007_8Table3

GTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTTTTTTTT
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ATGGCACAATCGCGGCTCACTGCAACCTCCACCTCCCGGGTTCAAGTGATTCTCCTGCCT
CGGCCTCCTGAGTAGCTGGGATTACAGGCACCTGCCACCATGCCTGGCTGTTTTTCATAT
TTTTAGTAGAGACGGGGTTTACCATGTTGGCCAGGCTGGTCTTGAGCTCGCGACCTCAG
GTGATTGCCCCACCTCAGCCTCCCAAAGTATTGGGATTACAGATGTGAGCCACTGTGCC
GGCACTTTTCTGCTTTTAAATACAATGATTTTAGAAAGTCTGTATATGAACCTTGGGCTT
GTACCTAGATATCCAGTGTGTGTAGGGAGCCCTGTATATCTGCAAGGGGATCCATTAGA
CCAAGGATATTAGATCCAGCACTTCTCCTTTTTAATGCATGTCATAAGCACATGATTTTA
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>SEQUENCE:5815:prostate_MPM2000-004P4Novel007_8Table3

GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTTTTTTTTTTTTTT
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TTGGCTCACTGCAACCTCCGCCTCCAGGTTCAAGCGATTCTCCTGCCTCAGCCTCATGA
GTAGCTGGGATGACAGGCGCCACCACCGCGTCTAATTTTTGTATTTTAGTAGAGA
CTGGGTTTACCATCTTGGCCAGGCTGGTCTCGAACTCCTGACCTCAGGTGATCCGCCTG
CCTCGGCCTCTCAAAGTGCTGGGATTACAGGCGTGAGCCACTGTGCATGGCCAGCTTGAC
AACTTTCTAATTGACTGGCTCCTGTGCATTGCTCATCCTTCTCTCATTTGTTAGTGG
CTAGGAAAAAGAAAGAGTTTGTATCTGAGAAATGTGAGTCCTTTTAAAGTCTCAGGAT

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AACAGAGGCATTTAAAATGCAACAGCAGTCTCTTCTCACTCTTCCTGGCACTAAATAATG
ACCTCTTGAAGCCACTTGCTATATGGGCTTTACACTGACTGAAGCCAAGTAACCATAAAA
TGCCATATGCTGGACACCATAACCCATACCCTATAGTTCAGCAATCTATAGCCAAACCCT
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>SEQUENCE:5816:prostate_MPM2000-004P4Novel007_8Table3

GTAATACGACTCACTATAGGGTCGAATTGGAGCTCCACGCGGTGGCGGCCGCTTTTTTTT
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TTTTATTATACTTTAAGTTTTAGGGTACATGTGCACAACGTGCAGGTTTGCTACATATG
TATACATGTGCCATGTTGGTGTGCTGCACTCATTAACCTCGTCATTTATATTAGGTATATA
TACGTGTTCAATTGTACCCTTATCGACTTTGCAGCATGCTTATCCATCTAACTATTCATCT
TTATTTGCCTTCGTTTTTTGAGTTCCTTATTCATCCTAAAACAAAATATAATGCCTGAC
TCATAGTCAGACTTCACAGTATTTTTAAATGAATTACATTGCATTGGGGAAATATAAATA
GTAATGTCCTTTTATAGAGGAAGTCTAAAAGAAATTCTTGGGTGAATTGATAATCAAACA
TTTTTAAGAAGGTATATTTGCTAGCAAAGAAAGAAAAAATATGACAGCTTATTTATATAG
AAAACCTATGTATTCTGNGATTNTTCTTTGTTTCAAGTCTGTATATGAATATCATGCTAT
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>SEQUENCE:5817:prostate_MPM2000-004P4Novel007_8Table3

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TTTTATTATACTTTAAGTTTTAGGGTACATGTGCACAACGTGCAGGTTTGCTACATATG
TATACATGTGCCATGTTGGTGTGCTGCACTCATTAACCTCGTCATTTATATTAGGTATATA
TACGTGTTCAATTGTACCCTTATCGACTTTGCAGCATGCTTATCCATCTAACTATTCATCT
TTATTTGCCTTCGTTTTTTGAGTTCCTTATTCATCCTAAAACAAAATATAATGCCTGAC
TCATAGTCAGACTTCACAGTATTTTTAAATGAATTACATTGCATTGGGGAAATATAAATA
GTAATGTCCTTTTATAGAGGAAGTCTAAAAGAAATTCTTGGGTGAATTGATAATCAAACA
TTTTTAAGAAGGTATATTTGCTAGCAAAGAAAGAAAAAATATGACAGCTTATTTATATAG
AAAACCTATGTATTCTGNGATTNTTCTTTGTTTCAAGTCTGTATATGAATATCATGCTAT
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>SEQUENCE:5818:prostate_MPM2000-004P4Novel007_8Table3

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GTTTCTCCAACGAAAAGATAGTGAAGGAATTAATCTTTTGTCTCCCATGGTTAAAAAA
AAAAAAAAGCTGTGTTCATTTTAAAAAAAATAAAAAAAAAAAAAAAAAAAAAA
AAAAATAAAAAAAAAAAAAAAAAAGGCGGCCGCCACCGCGGTGGAGCTCCAATTCGCCCTATAG
TGAGTCGTATTACGCGCGCTCACTGGCCGTCGTTTTACAACGTCGTGACTGGGAAAACCC
TGGCGTTACCCAACCTTAATCGCCTTGCAGCACATCCCCCTTTCGCCAGCTGGCGTAATAG
CGAAGAGGCCCGCACCGATCGCCCTTCCCAACAGTTGCGCAACCTGAATGGCGAATGGAA
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TTTAACC

>SEQUENCE:5819:prostate_MPM2000-004P4Novel007_8Table3

GCGTAATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTTTTTTTT
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ACTGCAACCTTTGCCTCCCAGGTTCAAGCAATTCTCTGCCTCAGCTGCCCGAGTAGCTAG
ATTTACAGGTGCCTGCCACCACACCCAGCTAATTTTTGTATTTTAGTAAAGACGGGGTT
TCACCATCTTGGCCAGGCTGGTCTTGAACCTCCTGACCTTTTCATCCATCCACCTAAACCT
CTAAAAGTGCTGGGATTACAGGCGTGAACCACCGTGTGTGGCTGGAACCTCTTCTTTTAA
AACTATCAGATTTTATGAGGCTTATTCATATCACGAGAACAGCATGATAAAGAAGTGCC
CCCATGATTCAATTACCTCCCACTGGGTCCCTCCTACAACATGTGGGAATTCAAGATGAG
ATTTGGGTGGGGACACAGCCAAGCCACATCATTCCACCCCGGCCCTCCCAAATCTCAT
GTCCTCACATTTCAAACCAATCATGCCTTG

>SEQUENCE:5820:prostate_MPM2000-004P4Novel007_8Table3

CACTATAGGGGCGAATTGGNAGCTCCACCGCGGTGGCGGCCGCTTTTTTTTTTTTTTTT
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TCTCACTCTATTGCCAGGTTGGAGTACAGGGGCGCAATCTCGGCTCACCGCAACCTCCG
CTTCCACCTCCTGGGTTCAAGTGATTCTCCTGCCTCAGCCTCCCTAGTAGCTGGGATTA
CAGGCACATGCCACCATGCCAGCTAATTTTGTATTTTACTAAAGATAAGGTTTCACCA

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TGTTGGCCAGGCTGGTCTTGAACCTCCTGACCTCAAGTGATCCACCCACCTCAGCCTCCCA
AAGTGCTGGGATTAGAGGCGTGAGTCACTGCACCCAGCATAATCCTCTTTCTTAAACATA
ATTATTTTTATTTTATTTGGATTTTTCTATTTTACTTACTTTACTCTTTATGATCTTTAA
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>SEQUENCE:5821:prostate_MPM2000-004P4Novel007_8Table3

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TTTTTTTTTTGGGGATGCTCAACCTATAATACCCAAAGGCTCTATTTTCAGTAGAATTTAT
TGGTTTGCTGATTATAGCAGTGACATAGTTGCATTCTAGAGACCTTAGAAAATGCAGAAA
ATTTCAAGAAAAACATTTAAATTGTGCTCATAGTGAACTGAGAGGTGACCACTCTTAAT
ATTTTGTGGCATAAGCATTCCAGTCTTTTATCTTTCTCAAAGTTTCACATAAACTTTCTC
AAAGGCCATTAAATACTTTTCCATAGCCTGATTTTTTGTGACCACATAGTATCCTATTAT
ATTGATAATACCATAATTTACCTAACCCATTTTTATATATTTGGATTTTTTCCAATTCAT
CATTATTATGAATAATGGTGTATCTCAGTGGTTATTACTTTGCACTGCATTTCTTATGAA
AGTATTGAGTAAAAGGAAGTAAAGCCCTCTCAGAGTGTTTTGTAGGCTGTCACATTTCAC
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>SEQUENCE:5822:prostate_MPM2000-004P4Novel007_8Table3

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AATTTTAGAAAGATATTTGTACTAGAATACTTGTGAGGAACTCTGTGGATTTTATTAGTA
TGGAAATTGTTTATAAAGACACACTCTGAATTTTTGTGGTCAAGTAGGGTTTGTAGAATC
TTTGATAGCCCAGCATGTTAAAATGTAAATGTTCTAGAAAAATAATCTTTCACTTTCCCT
GTGAAAAGACCCCGCAAAAAGTTTTTTGAGGGGTGTGTTAAATATATAAATTTTGAAAGA
CGTAAACAAAATAGTTAACTATCTACTTATGATATTTAATAGTTTGGCCAGGCATGGCAA
CTCATGCCTGTTGTAATCCCAGCGTATTGGGCGGCTGAGGTAGGAGGATTGTGTGAGCCC
AGGCGTTTGAGACTGCAGTGAGCTATGGATCCTGCCTGGATGACAGGGCAAGACCCCAAG
TCAAAAAAAAAAAGTAATAGTTTAAATGAACATTTAAAAACACATTGTTTGAATAATGTG
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>SEQUENCE:5823:prostate_MPM2000-004P4Novel007_8Table3

CGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTTTTTTT
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TTTTTTTTTTGGGGGTTTTACCAGTTTTATTTCTAGACTTTTCAATGTTTGTCTTTTGTCT
TCTGCTGGAAACATGCCGTTACATGTTGGTGTGCTGGGAAACCCCCCGGTGCAACCAGAAA
TGCACAGACCCAGCCGCCCGCCGCCCAAACCTTAACTTGCGCGTTACAGGACAAACTC
CGCTGTGCCCGGTGCACTTGCCACCAACCTTTGGCCTTTTGATACACACAACATCCAGGA
CTTGTGCCCTTGCCCCATCACGACAGACAAAGCGTCCCTCAAGGCCCCCGCGTTAATTAA
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>SEQUENCE:5824:prostate_MPM2000-004P4Novel007_8Table3

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AACATTTCAAACAGAAGTTAAATCATTAAATAGTACTTTTTTATTTAAATGTTTATAAGG
CAGATCTATGAGAATGATAGAAAACATGGTGTGTAATTTGATAGCAATATTTTGGAGATT
ACAGAGTTTTAGTAATTACCAATTACACAGTTAAAAAGAAGATAATATATTCCAAGCAGA
TACAAAATATCTAATGAAAGATCAAGGCAGGAAAATGAGTATAACTAATTGACAATGGAA
AATCAATTTTAAATGTGAATTGCACATTATCCTTTAAAGCTTTCAAAGAAAGAATTATT
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>SEQUENCE:5825:prostate_MPM2000-004P4Novel007_8Table3

ACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTTTTTTTTTTTTTT
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TGGTTTGCTGATTATAGCAGTGACATAGTTGCATTCTAGAGACCTTAGAAAATGCAGAAA
ATTTCAAGAAAAACATTTAAATTGTGCTCATAGTGAACTGAGAGGTGACCACTCTTAAT
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ATTGATAATACCATAATTTACCTAACCCATTTTTATATATTTGGATTTTTTCCAATTCAT
CATTATTATGAATAATGGTGTATCTCAGTGGTTATTACTTTGCACTGCATTTCTTATGAA
AGTATTGAGTAAAAGGAAGTAAAGCCCTCTCAGAGTGTGTTTGTAGGCTGTCACATTTTAC
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>SEQUENCE:5826:prostate_MPM2000-004P4Novel007_8Table3

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TGTTTGTAGTTGGAGTTTTGGATACTGATCATAAATCATGAATCTGGCGTATTAATGCTT
AACTTCAGCGCCTTTGGGTTGAGTGTATGTGTATTTTTCTCCCCCACCCTGCCCCCTT
TTTTTAAGAATAAGGACAAGTGCTTACAATCTGCTCAAGCAATTGTTTTTCAAGATATTG
GAATTCAGCAAAGAGTGACCTCTCTGGCCATTCTAAAACCTTAATGTTGTGTCTAAATC
TGGTGGAGGAAAAGCATGCGCTGTTGAACCAAGCTGCTCACTGGACACATATTTGTGTCC
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>SEQUENCE:5827:prostate_MPM2000-004P4Novel007_8Table3

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AAAAGTCATATGTAGCCTTTACAAATATTAGCTCAGTCATTTTCAGAAAGGTTTTTCCAA
TTATCATTTAGAGATGAGGAACTGAAGCTCAGGGAGGCTAGGAACTTATCCAAAGCCT
CTTAAGAGGCTATGTTAGTCAGACTGGGCTAACAGCTGTAACAACCCAGAAATTTAAATG
GCTTAACACATTAGGAGTTTATTTGTTATTGCCATAACAATTGAGGGTGTATGTTTGGCA
GGTAGTCTACACAGTGATTGAGGGACCCAGGCTCCTTCCCTCTGGTGGCTTTTTCTCCCT
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>SEQUENCE:5828:prostate_MPM2000-004P4Novel007_8Table3

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CTCTTGAACCTCCTGGGCTCAAAGAATCCTCTCATTTTCAAGCCTCTTCAACTGCTGGTATTA
CAAGCATGAGCCACCATATGGGCTGGAAGCTGATTTTTAAAATACTGAGACCATATAGAT
GACAGCACCCAGAGAAACAGAAATATTAACCTGAAGTTGTTGCTGGCAGACCATTTCTTCT
TTCCACCTTTCTTCTTCTCCTCCCTCCCCCTCCTCCATCTTTTTACTTTTCGTCTCTTCC
TTTCTCTTCTTCTCTCCTTCAATTATCCCTTTCACTGTTTCTCTTCTCCTTTCTTTTT
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>SEQUENCE:5829:prostate_MPM2000-004P4Novel007_8Table3

GCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTTTTTT
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TGATACATGTGCCATGTTGGTGTGCTGCACTCATTAACCTCGTCATTTATATTAGGTATA
TATACGTGTTCAATTGTACCCTTATCGACTTTGCAGCATGCTTATCCATCTAACTATTCAT
CTTATTTGCCTTCGTTTTTTGAGTTCCCTTATTCATCCTAAAACAAAATATAATGCCTG
ACTCATAGTCAGACTTCACAGTATTTTTAAATGAATTACATTGCATTGGGGAAATATAAA
TAGTAATGTCCTTTTATAGAGGAAGTCTAAAAGAAATTCTTGGGTGAATTGATAATCAA
CATTTTTAAGAAGGTATATTTGCTAGCAAAGAAAGAAAAAATATGACAGCTTATTTATAT
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ATCCCTTCCCCCGCCTTAATTAATTCTAGAAGTACTCTCGAGGGGG

>SEQUENCE:5830:prostate_MPM2000-004P4Novel007_8Table3

GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTTTTTTTTTTTTTT
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ATCATCTTGGCTCACTGCAACCTCCGCCACCCAGGTTCAAGCTATTCTCCTGCCTCAGC
CTTCTGAGTAGCTGGGATTATAGGCACCCACTGCCACACCTGGCTAATTTTTGTATTTTT
AGTAGAGACGGGGTTTACCACGTTGGCCAGGCTGGTCTCGAACTCCTGACCTCAGGTGA

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TTCACCCGCTTAATTAATTCTAGAAGTACTCTCGAGGGGGGGCCCGGTACCCAGCTTTT
GTTCCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTG
TGTGAAATTGTTATCCGCTCACAATTCCACACAACATACGAGCCGGAAGCATAAAGTGTA
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>SEQUENCE:5832:prostate_MPM2000-004P4Novel007_8Table3

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ATGGCTGCGCTTACCCTATGTATAAAAATGCGTCCAGTCCGGTCGGGGCACGGCCTATGC
TTTCCCGGGGATCTTGGCCCGCTTGCCTGCAATAGCCTTCCTCCACGGCCTTCAGCTGTT
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GTTTCCTGTGTGAAATTGTTATCCGCTCACAATTCCACACAACATACGAGCCGGAAGCAT
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>SEQUENCE:5833:prostate_MPM2000-004P4Novel007_8Table3

GACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTTTTTTTTTTTTTTTT
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TGTAGCCTTTACAAATATTAGCTCAGTCATTTTCAGAAAGGTTTTTCCAATTATCATTTT
AGAGATGAGGAACTGAAGCTCAGGGAGGCTAGGAACTTATCCAAAGCCTCTTAAGAGG
CTATGTTAGTCAGACTGGGCTAACAGCTGTAACAACCCCAAGAATTTAAATGGCTTAACAC
ATTAGGAGTTTATTTGTTATTGCCATAACAATTCAGGGTGTATGTTTGGCAGGTAGTCTA
CACAGTGATTCAGGGACCCAGGCTCCTTCCCTCTGGTGGCTTTTTCTCCCTCTAGTGCTG
GGAGCTCTCCATGCAAATGGTGGATGGAGAAAGAGAACAAAAAGTGGGGGATTTTTATAG
GCCAGGCCTGGAATTGGCCACATCACTTCCACACACATTCCACTGGCCAGAATGCAGTC
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>SEQUENCE:5834:prostate_MPM2000-004P4Novel007_8Table3

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ATTTTCGTTCTGCCCTCCGTTTTACGATTGCTCTACACTGAAAATGCGTGAGTGGAGTGG
AAAGCCTTCTACTCCTGCCTCAGCGACCCCTTCTAAAATACTGCCTCGTTTGGCCTGAA
AATGTGATTTGCAGGCTTCTGAGCAAAGTAGATTTCACTCCATTAAAGAAAAAAAAAAG
AAAAGGCACCGAACGGGGCTCGGCTGTGCGGAGTTTTGCTTTAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAGCGGCCGCCACCGCGGTGGAGCTCCAATTCGCCCTATAGTGAGTCGTA
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>SEQUENCE:5835:prostate_MPM2000-004P4Novel007_8Table3

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GGCACAATCGCGGCTCACTGCAACCTCCACCTCCCGGGTTCAAGTGATTCTCCTGCCTCG
GCCTCCTGAGTAGCTGGGATTACAGGCACCTGCCACCATGCCTGGCTGTTTTTCATATTT
TTAGTAGAGACGGGGTTTACCCTATGTTGGCCAGGCTGGTCTTGAGCTCGCGACCTCAGGT
GATTCGCCACCTCAGCCTCCCAAAGTATTGGGATTACAGATGTGAGCCACTGTGCCCGG
CACTTTTCTGCTTTTAAATACAATGATTTTAGAAAGTCTGTATATGAACTTTGGGCTTGT
ACCTAGATATCCCAGTGTGTGTAGGGAGCCCTGTATATCTGCAAGGGGATCCATTAGACC
AAGGATATTAGATCCAGCACTTCTCCTTTTTAATGCATGTCATAAGCACATGATTTTATA
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>SEQUENCE:5836:prostate_MPM2000-004P4Novel007_8Table3

TAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTTTTTTTTTTTTTTTTTTTTTT
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ATCCACCTACCTCGGCCTCCCAAAGTGCTGGGATTACAGGTGTGAGCCACCGCGCCCAAC
CCTGTGTTTATTCTTAGGTCTGTACTACGCTTTATGCCTCAGTTTCCACAGTTAAACAC
GTTATTTTATTCTCACGTTATAGGAGCAATTTGTATTCATAAACTTGGCCTTCACCTTC
AACTTCTGAAGATTTTAAATACAGCGCAAATGATTTGGGGTCTGTGAATTCAGTTTTATT
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>SEQUENCE:5837:prostate_MPM2000-004P4Novel007_8Table3

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTTTTTTTTTTTTTTTTTTTT

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TTTTTTTTTTTGGATTCATATAAAGACTTTTATCTATTGTGCAAAGAGAGGGGTCATCTG
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CTTCTCAGAGAGTAAAAGTGCTCCAAAGGCCTGTGATCATGGGTACTGATTAAGGGCTGC
AGACTCTTCAGATCCAGTTAAATCCCTGGTGTGTTGAGCTGTGTGGGAGCTGTGGTTGCTT
GCTTCCTGGCTTTGCCTGAGGTCCTGCCGCAAACCCTGCAGCAGCTGGTTTAGGAGTGTA
AGGTGGCTGTCTCTGCGAGGCANAGGCAGGGGTGGGAGGCAATTCCCTTTATACTCGATC
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>SEQUENCE:5839:prostate_MPM2000-004P4Novel007_8Table3

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GCCTTTACAAATATTAGCTCAGTCATTTTCAGAAAGGTTTTCCAATTATCATTTTAGAG
ATGAGGAAACTGAAGCTCAGGGAGGCTAGGAAACTTATCCAAAGCCTCTTAAGAGGCTAT
GTTAGTCAGACTGGGCTAACAGCTGTAAACAACCCAGAAATTTAAATGGCTTAACACATTA
GGAGTTTATTTGTTATTGCCATAACAATTCAGGGTGTATGTTTGGCAGGTAGTCTACACA
GTGATTCAGGGACCCAGGCTCCTTCCCTCTGGGGGCTTTTTCTCCCTCTAGTGCTGGGAG
CTCTCCATGCAGATGGTGGATGGAGAAAGAGAACAAGTGGGGGATTTTTATAGGCCA
GGCCTGGAATTGGCCACATCACTTCCACACACATTCCACTGGCCAGAATGCAGTCACGT
GATCGTAGCTAACTGCAAGGAAGGTTGGAAAATGTAATGTAAGTGCATGCCTGGGCTAA

>SEQUENCE:5840:prostate_MPM2000-004P4Novel007_8Table3

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AGTGGCGCAATCTCAGCTCACTGCAGCCTCTGCCTCCCAGGTTCAAGCGGTTCTCCTGCC
TCAGTCTCCCGAGTAGCTGGGATTACACCACACACCTGGCTAATTTTTGTATTTTTGGT
ATAGACGGGTTTTCGCCATGTTGGCCAGGCTGGTGTCAACTCCTGATCTCAAGTGATCTG
CCAGCCTCGGCCTCCCAAAGTGCTATTACAGGCGTGAGCCACCACGCCTGGCTTAGGCTG
CTTAAATATTCTTTCTTAGGTATCCTTGGTTTTTGGAAAAAAAAGAATAACAGAAAATA
AAAATTCCCAGTGGCAGTCTCTGTATCACTGGAATTTAACTTTTTGTTTGTTTGTTTTT
GAGATGGAGTCTCGCTCTGTTGCCTAGGATGGCGTGCAAGTGGCGTGATCTCGGATCACTG
CAAGCTCCGCCTCCCGGGTTCACGCCATTCTTCTGCCTCAGCCTCCCGAGTAACTGGGAC
TACAGGCGCCCGCCACCACGCCCG

>SEQUENCE:5841:prostate_MPM2000-004P4Novel007_8Table3

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AGCACAGTTTTTACAGAAATATAGTTTATTTTTTTTTTTTTTTTTTTTAGATGGAGTC
TCACTCTATTGCCAGGCTGGAGTGCAGTGGCTGTAGTGGCCTGATCTCGGCTCACTGCAA
CCTCTGCCTCCCGGATTCAAGTGATTCTCCTGCCTCAGCCTCCCGAGCAGCTGGGAATAC
AGGCACCCGCCTTAATTAATTCTAGAAGTACTCTCGAGGGGGGGCCCGGTACCCAGCTTT
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>SEQUENCE:5842:prostate_MPM2000-004P4Novel007_8Table3

AGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTTTTTTTTTTTTTTTTTTTTTT
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TAAGCTCCACCTCCGGCGTTCACGCCATTCTCCTGTCTCAGCCTCCCGAGTAGCTGGAAT
TACAGGCTCCCGCCACCACGCCCGGCCTTTTTTTGTATTTTTTTAGTAGAGACAGGGTTT
CACTATGTTGGCCAGACTGGTCTCGAACTTCTGACCTCGTGATCCGCCTGCTTCGGCCTC
CCAAAGTGCTGGGATTACAGGTGTAAGCCACAGTGCCCCGCCTTAATTAATTCTAGAAGT
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>SEQUENCE:5843:prostate_MPM2000-004P4Novel007_8Table3

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TTTGAAAGTTGTTAAACACCAACCAAAGGGTTTAATTTTAAGAACTTAGCTAGGAATGGG
TGAAATCCTACCCAATTAATAGGAGTTCTGCAAATTATTAACAAAGTGTAAGTAAAGG
AAGGGTCCCTTGGAGATGTGAAATTCTTTTATTGAGAGTCCTGTCTTCTTTATTCAAGAA
GTTTGTAGCCATGTTTAGAACTCACTCAAGAACCAACTTCTTAATTTAGATTTCAAGCAA
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AGAGGTCCAACCAGTAGGAGTGTTTGGGAAGCCCATTTGCC

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>SEQUENCE:5844:prostate_MPM2000-004P4Novel007_8Table3

CTCCTATAGGGCGATTGGAGCTCCACCGCGGTGGCGGCCGCTTTTTTTTTTTTTTTTTT
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CCTGTAACAATGTGTAGCAAACTCTGCAGGATTAATGAGAAGAATGTATTGCCTTTGAA
GCAGCACCACTTGAGTAAAAATTCCTCAAATGTGCTCTATGTTATGCTAGTGTAAGTATA
GCACCGGAGGATATTTCTTGGGCCTACTTTGCAAGCCTCTGAGAGGTGCTGTGCAGCTCC
GACCATGAACTGCTCTCCTAATTGAAGAGGGTCCCAGGAAGGGGAAGGGCACTATGGCCT
CCATTCTACCCAGGGAGATTGGGTGAATATCTGGCATGTAATTAAGTGCTAGCTCAGGTC
GGGCTGTTTCTGGCATATAGGGTAGCCAGCGGTGAGGGGAGCCTGGAGTGGGGTTGCAGT
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>SEQUENCE:5845:prostate_MPM2000-004P4Novel007_8Table3

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AAAAGTCATATGTAGCCTTTACAAATATTAGCTCAGTCATTTTCAGAAAGGTTTTTCCAA
TTATCATTAGAGATGAGGAACTGAAGCTCAGGGAGGCTAGGAACTTATCCAAAGCCT
CTTAAGAGGCTATGTTAGTCAGACTGGGCTAACAGCTGTAACAACCCAGAAATTTAAATG
GCTTAACACATTAGGAGTTTATTTGTTATTGCCATAACAATTCAGGGTGTATGTTTGGCA
GGTAGTCTACACAGTGATTCAGGGACCCAGGCTCCTTCCCTCTGGTGGCTTTTTCTCCCT
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>SEQUENCE:5846:prostate_MPM2000-004P4Novel007_8Table3

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GCAATCTTGGCTCACTGCAACCTCCACGTCTCATGTTCAAGTGATTCTGCTGCCTCAGCC
TCCTGAGTATCTGGGATTATAGGCACACACCACCATGCCCGGCTAATTTTTGTATTTTA
GTAGAGACTGGGTTTACCATGTTGGCCAGGCTGGTCTGGAACCTCTGACCTCATGATCT
GCCCGCCTTAATTAATTCTAGAAGTACTCTCGAGGGGGGGCCCGGTCCCCAGCTTTTGT
CCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGT
GAAATTGTTATCCGCTCACAATTCCACACAACATACGAGCCGGAAGCATAAAGTGTAAG
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>SEQUENCE:2:prostate_MPM2000-004P4Novel007_8Table4

TGGGCCCTCTACATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGG
CTTTCGAGCGGCCGCCCGGGCAGGTACCCAGTTAAGTTTTGATGGTTTAAATTCCACTAA
AGAACATATTCTTCTAATAACTAGCATTATTACATGAAATTTAAGAGTTTAAGTTCCAT
CAAACCTAGCCCTTGTGTAAGATTATTCTTCTCTATAACTTCAAAATAGATATTCA
TTCAAACCTGTTCAAGTGAGAAAACATAATGGATTTTTTTTTTTTCTCTGGAGCTGCCTG
TTCAGTGAGATGGAGGAGGTGGGCACATTTAAGGTCAGTTCACTAACCTATGGTTCAGAG
TTCTGATCATATGGAAGTTTGGAAAAGAGAGCTTATCACAGGTTTGTATGCTGGTGAATG
GATAGTTTTAATTCTCACTGTCTCAAAGAGAAATCAGCTCTTCAGCAGTTCTAGAAAAGC
TTTGACAATCCCCAAGGGGCAGTGTTACCTTACTCCTTCACTGCTTCTTAGAAGGTAGAA
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>SEQUENCE:3:prostate_MPM2000-004P4Novel007_8Table4

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TAAAATGAAAAGTAATAACCCTCCAACCACAACCTAGTCAGGGTATTAATAATTATATGT
AGCAAGAAAACAAAGAAGAAAATAATATTGAAAAAATGGAGATTCCCCAACCAAGTTTCAT
ATTTGAAGGATCTGAGTTGTATTTTTATTAAGGAAATTTTTTTTTTCTGAATACTGTCTTC
CAAAATGTTAACATTAAATCTGAATCAGAGGACTCTGAATGGAAAAGAAGTTTGATCAC
TGACACCTAGGGCTCTGAAGCGTGTGTGGCCACATGGAAAAGTCGAAGGATGCGCTGTGCG
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>SEQUENCE:4:prostate_MPM2000-004P4Novel007_8Table4

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ACATTGTTTCATCTAAAATAATACATTTTCTTTACATATAACTGTCTTAGACTTGTAATTG
AGGATATTTGATGAAACAGATCTGTATCTGAAACAGCACTATGATGCTAAACATTTGCAT
AAGGAATGAAAAAAGTTAGCAACCTAGTTTTTTCAATATTCAGATATTTGAGATTACACA
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>SEQUENCE:5:prostate_MPM2000-004P4Novel007_8Table4

GACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATG
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GCTCAGTTTGGTATTTTATAGAGGTATATTTGGTATTAGAGTTTAAATTGTCTCAAGGAG
CTTTTAGACCTTGATTTTTTTCATGTCATAAAATGAGCTACGAGACCCTTTAACTGAGTA
GTAATGAAGGTAGCCAGTTTTATATAAATAGCATTTATTATTTTATGATCATTTTATTTA
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>SEQUENCE:6:prostate_MPM2000-004P4Novel007_8Table4

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AACAAGATGGGAGGCAGCTGCATGGAACCTGTCCCACTGAGGAAGTAAACAGGAATCCA
AAATAATACGTTTGCTGGGAATTATAAAGAATTTCAATTGAGAAAGTGAAAAAGAAAAATC
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>SEQUENCE:7:prostate_MPM2000-004P4Novel007_8Table4

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AAAAATGCAGATATGATTAGGATTGTATTTAACACAAAAGCTTTGTAATTCCTGCTTTAA
ATCTACTTGGCTATAAAAATTTTAAGGGAATTTTATCGTGAAAGCAGCCCAAATCTATTC
AAAGGAGCAAGCCTTTCAAGCCAGTGACCCCCAATGCCTTTTTTTCTTTGCCATTCAATA
GTGCAAATCACCCATCTGTTACAAACAGGAACCTGAAAAAGCAACAACATCCTGGCAGTG
ACTAGCCTTAAAAACCATTCCCAACTCTACCTCCAGACCTGACACTGTATTCAAGTGAAT
GTGCCTGAGGTGTGATCACCACAAGGAAACAGAACTGTGTCCTGTCTATGCCTATACTTG
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>SEQUENCE:8:prostate_MPM2000-004P4Novel007_8Table4

CCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCCCTT
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CAGTTTATATTTGGACTGCATGGTAAAATGAAAAGTAATAACCCTCCAACCACAACCTAG
TCAGGGTATTAATAATTATATGTAGCAAGAAAACAAAGAAGAAAATAATATTGAAAAAAT
GGGGGTTCCCCAACCAGTTTCATATTTGAAGGATCTGAGTTGTATTTTATTAAGGAAAT
TTTTTTCTGAATACTGTCTTCCAAAATGTTAACATTAATAATCTGAATCAGAGGACTCTG
AATGGAAAAGAAGTTTGATCACTGACACCTAGGGCTCTGAAGCGTGTGTGGCCACATGGA
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>SEQUENCE:9:prostate_MPM2000-004P4Novel007_8Table4

ACGACTACTATAGGGCGAATTGGGCCCTCTAGTGCATGCTCGAGCGGCCGCCAGTGTGAT
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GCTATGCAGTTATACTGAAGAGCAATGCTGATCATCACTTCTCCACTTTACAGGATATTC
TCTTGACCCCAAAGTGAATCTGCTTAACTTGGCACAAGGGAGCGGACATGGTCATTGTGG
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>SEQUENCE:10:prostate_MPM2000-004P4Novel007_8Table4

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GAAATAAATCAGTCATATTTGAGTGAAATGAAACCTTTCCGAGTAGTTTCAGACAATTGA
TAATACCTAGTTTACAGTTCCTGTAGTCATTTTGGAGGGTGAGGACTTGATGTGTTTAGT
AAAGTTGAGAAATAAATACATGAAAGAATGTGTGGGGAAGAGAAATTGTGGGGAAGAGAA
ATTGTCTCAGAGGACCATTCTTAGTGGCACTGGGGAAATCTTGGCACCCAGAAGAATTCA
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>SEQUENCE:11:prostate_MPM2000-004P4Novel007_8Table4

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CAGTAGAAGCAGTTTAGATTTGGACTGCATGGTAAAATGAAAAGTAATAACCCCTCCAGCC
ACAACCTAGTCAGGGTATTAATAATTATATGTAGCAAGAAAACAAAGAAGAAAATAATAT
CGAAAAAATGGAGATTCCCCAACCAGTTTCATATTTGAAGGATCTGAGTTGTATTTTTAT
TAAGGAAATTTTTTTTCTGAATACTGTCTTCCAAAATGTAAACATTAAAATCTGAATCAG
AGGACTCTGAATGGAAAAGAAGTTTGATCACTGACACCTAGGGCTCTGAAGCGTGTGTGG
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TTGGGTTGAGCACA

>SEQUENCE:12:prostate_MPM2000-004P4Novel007_8Table4

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CAACCTCTCCCTCCCGGGTTCAAGTGATTCTCGTGCCTCAGCCTCTTGAGTAGCTGGGAT
TACAGGCGCGTGCCACTGCGTCCGGCTAATTTTTGTATTTTAGTAGAGATGGGGTTTCA
CCATGTTGGCCAGGCTGATCTCAAACCTCCTGACCTCATGTGGTCCACCCACCTTGGCCTC
CCAAAGTGCTGGGATTACAGGCGTGAGCCACCACGCTCAGCCTACAAGCAATTTTTTAAA
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AAGTATTAGTTTTTTTTTAAATAACAATAATTC

>SEQUENCE:13:prostate_MPM2000-004P4Novel007_8Table4

ACTCACTATAGGGCGAATTGGAGCTCCACACGCGGTGGCGGCCGCCCGGGCAGGTACCCA
TGTCAGTGATTTTGAAGACTCAGCACATCTCATGCAACCAGTCCACAATAAGCCTGTAT
GAAACAAGGACCTAGGTATAATAATACATCATATCCATGGTCACTCAGCTCCTCGACATT
TCCACACCCAGACCCAAAGTTTT

>SEQUENCE:14:prostate_MPM2000-004P4Novel007_8Table4

CTACTATACGGCGAATTGGAGCTCCACCGCGGTGGCGGTGGCTTCCTGCCAGCCATGAAA
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GTCCATTCAGGATATGGGTTTGCTATTGGGAACATGGCAGCCTTTGATATGAATGACCCT
GAAGCAGTAGTATCCCCAGGTGGTGTGCGGGTTTGACATCAACTGTGGTGTCCGCTTGCTA
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TTGGAGGAGGCCTTGGAGATGGGGGTGGACTGGTCCTTAAGAGAAGGGTATGCCTGGGCT
GAAGACAAGGAGCACTGCGAGGAGTACCTCGGCCGCTCTAAACTAGTGGATCCCCCGGG
CTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAAGGGGGGCCCGGTACC
CAGCTTTTGTTCCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTTCATAGCT
G

>SEQUENCE:15:prostate_MPM2000-004P4Novel007_8Table4

TACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGAT
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TGTTGACTCTGAGATGCTGACCCCAAGCTGGCTGCCATAGGAGTTGATTCCCATCATGCC
ACTGTGCGCTGGGGAGCTAGAGAGGGCTGGAAGCTGGCTGGGATTCTGGGGACGCTGTA
GAGAGCTTCAGCAATGTCTGCGGCTCGCTTCAAAATGATGTCCTGGTTATTGTGTGGTGT
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G

>SEQUENCE:16:prostate_MPM2000-004P4Novel007_8Table4

TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACC
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TAAAATGAAAAGTAATAACCCCTCCAACCACAACCTAGTCAGGGTATTAATAATTATATGT
AGCAAGAAAACAAAGAAGAAAATAATATTGAAAAAATGGAGATTCCCCAACCAGTTTCAT
ATTTGAAGGATCTGAGTTGTATTTTTATTAAGGAAATTTTTTTTCTGAATACTGTCTTC
CAAAATGTAAACATTAAAATCTGAATCAGAGGACTCTGAATGGAAAAGAAGTTTGAATCAC
TGACACCTAGGGCTCTGAAGCGTGTGTGGCCACATGGAAAAGTCGAAGGATGCGCTGTGCG
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>SEQUENCE:17:prostate_MPM2000-004P4Novel007_8Table4

Table 7
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CGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACG
A

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AGATGGGGTTTCACCATGTTGGCCAGGCTGATCTCAAACCTCTGACCTTATGTGGTCCAC
CCACCTTGGCCTCCCAAAGTGCTGGGATTACAGGCGTGAGCCACCGCGCTCAGCCTACAA
GCAATTTTTTAAAACTGACACCTATTACTGATAAAATTCTCTGTTTAAAATCCTATTTA
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ATTTAAGGCATTTTCATTGCC

>SEQUENCE:18:prostate_MPM2000-004P4Novel007_8Table4

CGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGA
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AGAAGTGGGGAGCAGAGAGGAAGATGGAGTGGAAAGGGGCGAGGCAAGGCCCTCCTGAA
A

TACCTCAACCCAAATCTTCAAGAAATCCCCAAGTCCTCACAGTGCTTTTTGTGGATTTTT
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AAGAGAACAGAAGAGGAGGCAGAAAGGGGATGGGGAAGTGGGGTTCGCCATGTTACAGAG
CTCCTGGAGCCACAGGGCCCCCAGGAACAACAGAGCTGAGACTGGGTGGCCTTGTCTTCT
GGCCCAATTCCCTGGGACCACCACCCTGGAAGGACAACCTTGAGCCCTACTCAAGGACCCA
CCACAACATCTCAGCATTGTCGGTCCTTAAATGCCAAGGTCTGTGCTCACCATTTCATC
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TTTCTGACACTG

>SEQUENCE:19:prostate_MPM2000-004P4Novel007_8Table4

CTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATAT
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GGAGACTTAGGCAGGAGGATTGCTTGATCCTAGGAATTCGAGGCTGCAGTGAGCTATGAT
TGCACCTCTGCACCCAAGCCTGGGCGACACAGCGAGACCCTCTCTCTTAAAAAAAAAAAT
AGCAGAGCTCACCAAAGTGATGTTACCTTTTTATGACATTCTTTTTCTTAGCTTAAGA
AAAGAAAGCTGCTAGATGAGAGTCTTAGTTTTCTGCATAAGACCTCCTTTATGAATAGA
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>SEQUENCE:20:prostate_MPM2000-004P4Novel007_8Table4

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GGTCGCGGCCGAGGTACAGAGAGGGGCTCGCTGCGCTGGGTAGAGGAAGCAGGAAGTTT
G

CTGAACTCAGACGGAAGAAAAAGGATTCCTTGGAGAATCCCAGCAGGTTTCTGATTGGAC
ATGGGTCCATGTCCTTGCGAAGTCTCCTCCTCCTGAACCTGCCCTGCTCTGAGACTGGCT
TTTGACCACCAGCATGCTGCAGACGTGATGCCGTGTGACTTCTGAGCGGGTCATAAGAAG
CCTTGCAGTGTGGCCTGTGTCTTCACGAATGCTTGCATGAGGAAAACCACTGTCATGTAA
GAAGTATGGCTACCCTGAGACTGTCATGGTGTGAGGACTCCTAAATGAGTCACATGTGGA
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>SEQUENCE:22:prostate_MPM2000-004P4Novel007_8Table4

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TTT
TTTAAAAAA
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CCCCACAAAAAAA

>SEQUENCE:23:prostate_MPM2000-004P4Novel007_8Table4

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GCGGCCGCCCGGGCAGCTACAGAATTTCTTTTATATTATTCCTCTACCCTCCACCTGTA
AATGAATGTTAGTGCAGTAATTGTTTGAATAATGCCTCATCCAGTGTTAGGTCAGTAGC
TCCACAGTCTACACAGTCCAGAATTCTTCTCTAATTGTCCCAAAGGGGGACATTGTGGA
GGCAGGGTTAGGGGGAACCACTTCAAGTGGTTAGGGACAGATAAATAATAGGCAGTATAG
CACATGAAAGAAAACACACACTTGGAAGCCAGGAGACTTGTGTCCTAGTCAAACCTCTGG

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CATTATGTGACCTTGGACAGGTCATCTAACTACTCTGAAATTTATCATCAGTCAAATAAG
ATTTTATTCTGTTTTGTTTTGTTTGAGATGGGGATTTGCTCTTGTTGTCCAGGCCGAAC
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TC

>SEQUENCE:24:prostate_MPM2000-004P4Novel007_8Table4

ATAGGGCGAATTGGGCCCTCTANAGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTG
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CAGCATGTTTTTTCTCTCTTCTTATCAGCAGAACACACGTTGTTCTCTTTACTTGGAAC
GCCGCCTCTGACAGATGGTCACCTCACCATCACTCATTATCCTTCAAGTCTTCGATACA
ATTTCTTCCAAGAAAACCTTACCTGATTATTTGAGCTTGAGATAGCACTCTCTGGAAAGCC
CTAGAATTTTATAGCTTGCGGTAATTGCTTACTGAAATCTCCAGTGGGCTGGAAAATTA
GGGAAGGGATTTTCATGTATCTATTGTTAATTTTTCATTACCACAGCTAGCAGAGAGGTT
ATATGTTTTGAAAAAACTTTTATTGAGTAAATGAGAGGATGAATTTAAAACAACCTAAAC
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CAATAAGGTAA

>SEQUENCE:25:prostate_MPM2000-004P4Novel007_8Table4

TACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGT
GATGGATATCTGCAGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACAGAGGCTTAG
GGGAAGTGAGACATAAGCTTGTAGGAATAATAAACGTTCTACAATAAACGTTTTGGCTAT
CTTAAGCCATTGTATGGGGGGGATTAGGAAGTAGGAGGGATTGTCCTACAACAGGCCCTT
ATACTTCAACAGCCCAAATATTTTGGTTTATTCTTTTTATCCATAAAGTCTTTATTCTT
CAAGTTTGGGTATTATAGATTACCATTTGTTAGCCT

>SEQUENCE:26:prostate_MPM2000-004P4Novel007_8Table4

TACGACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG
ATGGATATCTGCAGAATTCGCCCTTAGCGGGGGCGCGGGCCAAGTACAAGGCTAAGCATTT
TAACCTTTATACTGGAAAAAAATC

>SEQUENCE:27:prostate_MPM2000-004P4Novel007_8Table4

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TACCTTAAGTAGGTATAACTCTTATGGGATATACAGTATAGTTTTTGTGAATCTTTACAT
GATAGCATTATCTTTTTATAATTTTTTTTCTAAGATAAACAATGCATAGTTTTCTTCT
ATGGGTGATAGAAACAGCTTTTTGAAGTAATGAAAACCTCAAAAGATCATGTTGATTCTT
AATTTTTGCCTTTTGCATAAGCCTCTTTATAACATGTATCTTTAAAACAATTAAGTCCTT
AGGAATGTGTAACCAGAACTATGTTAGTATTGCTTATAAACTTTAGTTAGGTTCAATAT
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>SEQUENCE:28:prostate_MPM2000-004P4Novel007_8Table4

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TGTGATGGATATCTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACCTGTATGAG
GCCCTTGGCAACTTCACACGACCTAACTGAACTCTCTCAAGCCATCCTTTCAAAGGAAT
GAAAATTGAGGTCTCTTGTGTTTTATGCTGAAGACTCTACGATGCCTGCAGAGTCAGGAAC
CTGGAATCTTAGGTGTCCTCCTTACATATCCATCTCCATCACCTTTGGCTGAACATGCTG
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>SEQUENCE:29:prostate_MPM2000-004P4Novel007_8Table4

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TTTTTTTTTTTTTAATAATCACAGTAAGTTCATTCTGATTTGTCAAACTAGGAACGCT
CAAGAAGTTCTGTAGGTGAGTAGATTAACAGCCGGCAGTAAATTCATAGAATAATATTC
AGTAATTATAAACAAGAGCTATCAAACCATAAAAATACATAAATGAATTTTAAATGCATA
TTGTTAAGTGAAAGAAACAAGTCTGAAAAAGCTACATAATATGTTATTTATTTGATATTC
TGGAGAAGTCCAACACACAAAGTGATTCTGTATTTCGCGAGAAATTTAAGGAGATGATGA
AAATGGGTAAAAAATAGAT

>SEQUENCE:30:prostate_MPM2000-004P4Novel007_8Table4

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ATAAAAATAAAAGATTTTATTATAGCAAAGTTCACAAATATCGTTTTAGTTCAGTTATCC

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ACATTGTTTCATCTAAAATAATACATTTTCTTTACATATAACTGTCTTAGACTTGTAATTG
AGGATATTTGATGAAACAGATCTGTATCTGAAACAGCACTATGATGCTAAACATTTGCAT
AAGGAATGAAAAAAGTTAGCAACCTAGTTTTTTCAATATTCAGATATTTGAGATTACACA
GAAACTACATCCAGATGAATGACTGAAT
>SEQUENCE:31:prostate_MPM2000-004P4Novel007_8Table4
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CAAAATGTTAACATTAAAATCTGAATCAGAGGACTCTGAATGGAAAAGAAGTTTGATCAC
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>SEQUENCE:32:prostate_MPM2000-004P4Novel007_8Table4
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GGCAGGGCCAACATTAGGGAGCCCAGCAGGAGGTGCTGTGCTGAGAAGACTTCCTGGAGG
TGTTTGTTGAACATATCTGCAGAGCCTTCCCAGACTCCTGCAAATCCAACCCATATCAGG
CTGTAAGTCAGAGCAGGCAATGCAGAAGAGGAGACCAGACCAAGGGGTCAGCTGGGGCTA
GGA
>SEQUENCE:33:prostate_MPM2000-004P4Novel007_8Table4
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GAAGGATCATTGAGATGAACAGTGTGGCAGAATTGAGAATCTTGATGTTTCAGTGAGCT
TTAATGGAGGAAAATCTGTCAATTCAGGATCATTAAATGTCACAGCCACAGAATGTTCTA
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>SEQUENCE:34:prostate_MPM2000-004P4Novel007_8Table4
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TTCAAAAAAAAAAAGAAAGAAAGAAAGAAAGAAAGTATTTGGACACATTTCTCCAATA
TGTCCAAATATCCAAAGCAATTATCAAGGGTATTGGCTCCTTGGTTAAGAACTGGGCT
TTATTTTTCACACACTCCCTGAAATGACACAGCCAGAGATCAGGTAGGACCCAGAGAGAAC
AAAGTTACAAACCCTGTGTCCAAACAGCATCCTAAAATGAAATACTCCTGGATGGAACCC
TTGGAAAACCTCAGTGTTGACCATATTCCCAGTTACCCATAAAAACCTTATCAAGTTGTGGT
TTAGAAACAGATTCAAAGAAAGCAGTCTGCAGAAAATACGCAGATTTACTCTTTTAATTA
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TGACTTTGTTTCTTGGCTTG
>SEQUENCE:35:prostate_MPM2000-004P4Novel007_8Table4
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ATATGTTTCTAAATTAGAAATTTCTTTTGGCTTTGTGTTTTTTAATGTGCGTTAAATAT
GTAAACTGAACCTGTTCTAAAATGCATTAACTTGAATGCTGCGTCTATCCAATGCCAA
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CTCAAATATCTGAA
>SEQUENCE:36:prostate_MPM2000-004P4Novel007_8Table4
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CAAAACAGGGCTCAGGCCTAGAAAAATCTAGTTTTCTGAAATCGCTAGCCAGCAACAGCA
CTGAGATGGCCATCCCAGAAACAAGGCCAACACAGAAGCACCCATAAAGGCTGCTGGAGG
TTGGGACAAAGAGATCCTTGCTGTCTTACAGACCCCTGACTTCCAAGGAGCTCCCTC
TCACCCAGCCTGGCCTGCCTTCTCCACAGGGTAGCTGATCGTCAGCATCATCTTCAATGG

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TGTTGTCAAGAGCACTCAGTGCTCCTGCCATCCCTGTCCATCTCCACATGAAAGGAGAGG
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CTGGCCGT

>SEQUENCE:37:prostate_MPM2000-004P4Novel007_8Table4

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TAAATTAAATTTTTGAAATAAATCAGTCATATTTGAGTGAAATGAAACCTTTCCGAGTA
GTTTCAGACAATTGATAATACCTAGTTTACAGTTCCTGTAGTCATTTTGGAGGGTGAGGA
CTTGATGTGTTTAGTAAAGTTGAGAAATAAATACATGAAAGAATGTGTGGGGAAGAGAAA
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>SEQUENCE:39:prostate_MPM2000-004P4Novel007_8Table4

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TGATCCAGTTGAATTATTTGAAATTCCAGTAAAAGAATTAACATTTGACCAACTCCAGTT
GTTAAAGCTCACTCATGTGACTGCACTGAAATCTAAGGATCGGAAAGAATCTGTGGTTCA
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>SEQUENCE:40:prostate_MPM2000-004P4Novel007_8Table4

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TTTACAAAAATTTAAAAAATTTCAATTTGTGCTTACTGTCTTTACTGAAATGTTAAATATT
TACTCATGAGTTGATTACTCTGTGCACGTGAGATTGTCTTTTGTAGTTATAAAGAAGGGA
TGCTTAGAAGTAGTATCAGTGTTCTTTCTTATTCCTATCCCTCCCAAATCTCACACCAGA
AAATGCTGGAATTTTTTGGAAAGGAAATAGAGAAGAGTGGAATTAGGTTTAGGGATGGTAG
TCCTAGGAGGAGGGGAGTAATGGAAGTTATA

>SEQUENCE:41:prostate_MPM2000-004P4Novel007_8Table4

TACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTATTGACT
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ACCTACTTATTGATGCTTACAATTTGGCAATTATAAGGGGCAAATTGGAGCAAGTGTTT
TGGGTAAATAACTCCTTACAATATATTAATAAATACTTACAAACAATTCTTAGAATCAAAC
ACTTACGTAAATACTTTTTTAAAAAAATAGGTCCAAAAGACTCAGCCCAGATCGGCTTT
GAAGTTATATCAAGATTTAAGTCTACTTCATGCCAATGAGCTACTCCTCAACAGGGGCTG
GTTTTGCCATTTGAGGAATGACAGCCACTATGTTGTGTACCTGCCCGGGCGGCCGCTCTA
GAACTAGTGGATCCCCCGGGC

>SEQUENCE:42:prostate_MPM2000-004P4Novel007_8Table4

CCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCCCTT
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TGCCAAAATCCTGTTTCCCCCTTGCAATCTTACAGAAAACAGCCACAGAATCCCAAGGC
ATCAGCACCAAGAGAGCCTGTAGAACTATCTGGTCTAAGCTCCTGAAGCCCAGAGATAA
GAATGACTTAACCCAAGCTGCACAGCCTCTTAACAGTCCACTGTTAACCCCAGAAACAGA
TGCATTTGAATCTGAAAGGAGACAGGAATCCTAATCCTACTGCTCAGGGACTTGCTGATT
TACTTTGCTGTCTATTAGCCTTTCTGTGACATGATTTTCTACCAAGCAAAGTCTTTTATT
CAAGTCTCCCAGAGATTTCTTATTTAAGCGTTTGCTATTTGGCCACTTAAAAAAGACAGA
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>SEQUENCE:43:prostate_MPM2000-004P4Novel007_8Table4

TACACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGA
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AGGTCTTGGGCAAATTAACTCTGGGTTTTAGTTTTCTTATCAGGTAAATGATGCTAGT
AGGAGCTAAAGATTACTTTGAAGGTTCTGTGGGAATTAAGGTAACATGCTTAATATAATA
AGGGTTCAGTAAATGTTACCTATTGTTTGCTGTTAATCAGATAAGCAGAATACATTCTAT
GTGACCTACCTTTCTTTATAGGTGAAATGTGGGAACGTTAGGAATTTCTTTACCACAAAG

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TCCCTCTTCATATGCCAGTCACTAAGTTGTAGGAATTTAAAGGTGTTTTTGGGATAATTG
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>SEQUENCE:44:prostate_MPM2000-004P4Novel007_8Table4
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TATTTTCAGAAAACCTTGGTTATTAACCTTGGATTAATTACAGTAGACATACATAGGAGATGT
GTCTATAGAATGCCAAAATATTTAATTGTGTCAGAAATTTAGTCATTCATCCAAATATTT
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ATTGTCTTAGCATTATTTAGACAAAATAATTGTTATTAGTTCAAAATAATACCAATAGCA
ATAAACACCATCAAAGAAACAACGTATTTAGGTTGGCACAAATTCCAACCTTGAGGAAAA
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>SEQUENCE:45:prostate_MPM2000-004P4Novel007_8Table4
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ATGATTTTCTACCAAGCAAAGTCTTTTATTCAAGTCTCCAGAGATTTCTTATTTAAGCG
TTTGCTATTTGGCCACTTAAAAAAGACAGAAGAGAAGTAAACAGAAGCATATACCACACA
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TAGGAACGGATGTGGAGAAAGGAGTGGCAGTGGAGTTAGCTGTTTTGTCTACCTGCTGGA
TA
>SEQUENCE:46:prostate_MPM2000-004P4Novel007_8Table4
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TTGC
>SEQUENCE:47:prostate_MPM2000-004P4Novel007_8Table4
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>SEQUENCE:48:prostate_MPM2000-004P4Novel007_8Table4
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GGGCTCTGAAAATGTCTTACTTCCCTCACAGACAAAGCAATTCTCAAGCCTCCTGAGATC
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TCTGCGGGAAGTGTTAGCAGCTATATGAATTAGGAAGAATTTAGAAGACAATCCCTAAAC
ACATGAAATGTCCAAGTAAGAAGATAACATATTTATCCAAATATTTAAAGTGAAATGCTC
CAGATATGGGAAGCTTACAGTTTTCAAGCAAAGCTTTTTAGAAAAAATTATGGAACCTATT
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TTCTGTACCT
>SEQUENCE:49:prostate_MPM2000-004P4Novel007_8Table4

Table 7
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CTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGA
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GTATTGAAGTCTCTGTAAATGAAAAATTTACCCCTATCCCTCAACATGTAGGTTGAGAAC
AGAAATATTAATGGGTGTGATTTATTAATTCCTGAGGGCTATTAGCCCATCAATAGACTA
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AGTATATGAAGTGCCCTTAAGTGAGCCTCACGTTTACTCATTCTACAGATAAGAAACCAA
GGT

>SEQUENCE:50:prostate_MPM2000-004P4Novel007_8Table4

ACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG
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ATGATAAAAAATACTTCTCTTTTTCTCCCTGTTTCCCTTTTTCCCTTGGCCACAGCCAAA
TGCTAATTGCTGCTTTAATTACAGAGATGTGTAAATGTATTCAGATTACAAACTCTACAG
GAATACATCAACATTTTAACTCTTTTGCGTTTTTACTGTTTAACTGTTTTAAATGCAAGT
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AAAAGTTATTAG

>SEQUENCE:51:prostate_MPM2000-004P4Novel007_8Table4

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CAAGTTTTTCCAAGAAATCCTAACCCCTGGGGGCTCAGGCGAATGAGGAGGGTCAAATGCT
GAGGGTGGGAGAAAGCAGATCTAGACAGCATTCTGGAATTGTTGCTTTGCCATTATTTGC
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>SEQUENCE:52:prostate_MPM2000-004P4Novel007_8Table4

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GTCCTCTTTCCAGGCAGGAGAGTGTACCTCCGCGTTTTCTCCCTTGTGTAGTCGGAATC
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>SEQUENCE:53:prostate_MPM2000-004P4Novel007_8Table4

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CAGCTTATGATGATACAGAAAATGACCTAAAAGGAGCAGCTATTCATATCTCAAAGGAA
TGCTCCACGAAGAAAAGCCTGGAGAGCAGATTTTGAAGGTGGCTCAGAGAGTGAATCTG
CACAGAAAGCTGCAGGGAATCAAATGAATGACAGAAAGATTCAACAGGAATCCCTGGGTA
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AAGAGGAATTAGTTCTTAAACTCAAACCAACCTAGATTCTCCTCTCCAGATGAGATTG
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>SEQUENCE:54:prostate_MPM2000-004P4Novel007_8Table4

TGGTCGCGGTCGACGTACTCAAAAACCTCACCCAGCCTCAACTTGAAAATGATTCATATGC
CAAGGAAAAACCATTCAAATCCATTCCGAAATTTCTGTCAACTTTTTAAGTTCAAGAAC
AGACTCTATTAATAATACTTCCCTAATTGAATCAGCTGCTGCATTCTTCCCAACCATC
ACGAAAATGCTTGCTGGAGAAAATTGATGTTATAACAGGGGAGGAAACAGAACATAATGT
GTTAAAGATAAACTGCAAGCTTTTCATATTCAACAAAACAACACAATCCTGGATTGAAAG
GGGCAGAGGAACGTTGAGACTGAATGACACAGCAAGCACTGACTGTGGAACATTACAGTC

Table 7
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TTATT

>SEQUENCE:61:prostate_MPM2000-004P4Novel007_8Table4

TATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATC
TGCAGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACACAGTGAAAAGGTATTTGGC
TGTGTTTCTATTTACATTCACTGTCCTTGATAAATACTAATTGGCCAGTGATTGTAAGTC
TCAAGAATTTTTGCTGCAGAGCGTGTGGTAAACTCATTTTAAGTGGTGTAGGAGTCATG
CAGTGTTTATCACTTAAGTGGGTAACTGACAGCTGTATTTTACTGCCTGACTGCAGCTT
TATTCTTGATCATTCTCTTCTTCTGAGTAGTGTGTTATGGTCATGTTGTCTTAGCTGCAAT
TAATTCCCAACCTTTTTTTGTTTTCCAGTCTTTGTCTTTTGCATTTATTTTTCTGCTCCT
GCAATGCCTTACTTTGCTGTCTCTGCCTCGCTATTTCTTATTCTACAAAGCTCACC
TTAAGTGTCACGTTTTTCAGGGACATGTTTACCAATGTACCTCGGCCGCGACCACGCTAAG
GGCGAATTCCAGCACACTGGC

>SEQUENCE:62:prostate_MPM2000-004P4Novel007_8Table4

ATACGACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGT
GATGGATATCTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACCATTCTATGAT
GGTAGCCATTCTTCTCTTTATAAAATATTTCTCTTTGAAAAGCGTCTTAAACATTAAT
TTCAAATCCCCTCTTGATGCAAAGTGTCCCTAAGACCGTCCATTCAACAGTATTTATGT
GAGCCAACCTTACTAGAGCCGCTACAATAATCATGATAGACAGTCCAGAATCTCCCTGGA
CTTTATACTGGGCCAGCCTCATTGTCCCTAAGATTTCTCTTTTATGTCTCACGGATTAC
TTCTCTTTTAAATTGCCCCAGGCACATTCCAAATGAGAACCTGGTAAAAGTCACATTGGA
C

>SEQUENCE:63:prostate_MPM2000-004P4Novel007_8Table4

CTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGA
TATCTGCAGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACTTTTTTTTTTTTTT
TTTTTTTTTTTATTATT
TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTNAGGCAAAAAAAGTTTTTTTTTTTTT
GCCCCAGGGTTTTTGGGGTTTTTAAAAAATCTTTTTTTTGTGGGGGGGAGGGTTTTTGG
GCAAACCCTTTTTTTTTTTTGGGGGGGGCCTTTAAAAATTTTGGGGTTTAAAAGGGTTTTT
ATCCTCCTTGGAAGGGGCCCTTTTAAAAAATTTTTTCCA

>SEQUENCE:64:prostate_MPM2000-004P4Novel007_8Table4

CTCACTATTGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGG
ATATCTGCAGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACCTGCAATATATTTGG
AGTATTATGTCTTTATTGTTGTTAAAAAGTTTTTATTGAATGTATGAAAATTATCAAATT
GTATTCATCAATTATTAACATGTCCTGGGGAAGGAAGGGAACTTTCTAGGACAGAAGTC
ACTTTCAGATGTCATGTATGTATNTGGGTGTTCAATCATATCTAACACTGTTTTGATTTT
TGTGGGAAAATATTCCAGGAAACGCTAATTCTCTTTAGACTCCTTGTTCTTTTATGACTA
CAATGAACATATGTCTATGTGATAGCTAAAGATATTTTTGAATTGTATTGTGTGCTTAAT
TATCGGGTAAGTATAAATATTTG

>SEQUENCE:65:prostate_MPM2000-004P4Novel007_8Table4

ACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGG
ATATCTGCAGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACTTCTATGATATAGTT
GTCAAATCAACTGGAGGATAATAAAATATTGTGGGTCTCAGCATTCTTAGAATCCAAA
TTACAACCATATCAGTACGGGTTTGGTCCACATGAGCCAACCTGAAGTCATTTTCCTCAAG
GTTGGAATTTGTGCCAACCTAAATACGTTGTTTCTTTGATGGTGTTTATTGCTATTGGTA
TTATTTTGAACATAATAAATTATTTTGTCTAAATAATGCTAAGACAATTCTGTAAAGAA
TTTTGTCAGCTAACATAATTCATTAAGTATGTTTGGCATCATATGGACAAAATATTTGGA
T

>SEQUENCE:66:prostate_MPM2000-004P4Novel007_8Table4

CACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATG
GATATCTGCAGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACTAGGTTGAGAAGTT
TCTAATGTGAAAAATCTTGTTTCATCTGTTTCATGCAACAGACATTTATTAGGCATCTGTAG
ACCATATAATTGAGACAGAGAAACATTTTGGAGAATTAGAAGCTCACACTATTTATGGCA
TAGGTTATATAATTATGATAATTTATGATTTACTTTCTTGACAAAAACAGCTACAACCAT
GTATACCTACTATTTCTCCTACAAAGTAGGTGAGATTTTTTGTATTTTACATTAGTTNGGA
GGGTTTTTGTATTTGGTTTTGCTTTAAGATAGGCATTGACTATAGCTTCTG

>SEQUENCE:67:prostate_MPM2000-004P4Novel007_8Table4

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GCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGA
ATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACACAGTCATTGTGATCTTAGTTATCAT
TTCTAAGTAATTAATTTGTATTTTACTTGCTTATATTAGAAATGCTTATTACCAATGA
GAAACAGAAAATGCCACATAAGTGAACATTTAAATGTTACAAAAATTTATAATATATGTA
ACGCTACTAAAATATATAATGAACTTTTCAAACATGTAAATATAAATCAGGAAAACCTGA
TATGTAATAATTGGGCCAAAAATGAAAATCACAAAACACAGTAGGGGGG

>SEQUENCE:68:prostate_MPM2000-004P4Novel007_8Table4

TACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGT
GATGGATATCTGCAGAATTCGCCCTTAGCGTGGTTCGCGGCCGAGGTACCAAATATGTTAC
TACAAAGCAACTGTTCAAGTGTGCTAAAAACAGGTGTCTTCTCCCTTTTCAGAGCTCCCC
TAGTCATTTGCAATATATTTTGCCTACTTCTCTAAAAATCAAATAGGTCCTAATAAGTA
AGATACAGGTCTTCAATCCCAACAGCAACTAAGGGATTTTCTGAATAAAAAAACAACAA
AACAAAAACAACAAAAAATCTGCTGCCAGTTTGCAGACAGAGTGCCGTGTTTCACCCCAA
CCTATGGAGGCTAAATCACAGTCAAAAACAACTGCGTGACTGGGAATTATAGTAAGAGG
AGTTAAAAACAAGGGCAGGTGCAGTGGCTCACGCTCGTAATCCCAGCACTTTGGGAGGCC
GAGGCAGGTAGATCACCTGAGTTAGGGTGTGGAGACAGCCTGGCCAACACGGAAAAACC
CCGTCTTTACTAAAAAATCAAATTAATGGGGTGT

>SEQUENCE:69:prostate_MPM2000-004P4Novel007_8Table4

TACACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGA
TGGATATCTGCAGAATTCGCCCTTTTCGAGCGGCCGCCGGGGCAGGTACACTCTTCTTCTT
TTATTTATTTATTTATTTATTTTATAGGCCATTCTTCTGGTTTGCCAAATTCTATTAAGAC
AGTGATACATTTGCTTCCTTATTTATGCATGCTTAGATCATGAACATGATGCCCTTCTTT
TTTTTTTTCTTTGGTCAAGTAGGGATTAATGCCATAGGTTTAGAGAGAAGGATTGTTTT
CAGTTTTTAAGAGAATTTTTTAAAAATACATTTTATGGTTCTCTTAAGGAATTAATATTC
ACTTCTGAAGGACTTACTTGTAATATATAATTTATCATTTTAGCCAGCAGGGAAATAAAT
CATTTTAAATCCCCAGAAGA

>SEQUENCE:70:prostate_MPM2000-004P4Novel007_8Table4

TATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATC
TGCAGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACATAGGAATGCATCTTTGTTT
GCACGTGTGTGTGTTGAGGAAACAGGAGGAATATTCATCTTTTGTGTTTGGATTTTGG
CCCAGTCCCTTATGTTAAGGACTGACTGATTCTCTGACAGAATTCAGACCAAGTCATTA
AACTTTGTTGCTTATGGAAAGTAATCTTAGTATCTGTTGGCCTTTATTTAAAAAATAAT
TTTTTAAATAAGCATGAACAATATTCATTATCCCATTAACCTTATTATTAGGTGAGT
CAGATCAGTCTCTAAGTAGTGAGTATGAAGCACCTTAAATTCTTCTAAAAACAAGATTA
AATTTAAATATACAAACA

>SEQUENCE:71:prostate_MPM2000-004P4Novel007_8Table4

CTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATAT
CTGCAGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACCCGAAAAGAAAGGAAGCTT
TAGTAATGAAAGGATTGCTGCCAAAATCCTGTTTCCCCCTTGCAGATCTTACAGAAAACA
GCCACAGAATCCCAAGGCATCAGCACCGAGAGAGCCTGTAGAACTATCTGGTCTAAGCT
CCTGAAGCCCAGAGATAAGAATGACTTAACCCAAGCTGCACAGCCTCTTAACAGTCCACT
GTTAACCCCAGAAACAGATGCATTTGAATCTGAAAGGAGACAGGAATCCTAATCCTACTG
CTCAGGGACTTGCTGATTTACTTTGCTGTCTATTAGCCTTTCTGTGACATGATTTTCTAC
CAAGCAAAGTCTTTTATTCAAGTCTCCAGAGATTTCTTATTTAAGCGTTTGCTATTTGG
CCACTTAAAAAAGACAGAAGAGAAGTAAACAGAAGCATATACCACACAACCTCAGTCCAGT
CAGTAGTTGACTCTCAAGATGGCGGATGTCACTGAGATGGCTG

>SEQUENCE:72:prostate_MPM2000-004P4Novel007_8Table4

TGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCCCTTTTCGAGCGGC
CGCCCGGGCAGGTACTCTAGAACCAAAGTTAAAGTGAGTCTCAATTTCTCACCTGAATAA
AACTTCATTTTTCCACTTTTCTTATCAGTCCTTAAAAAACGATGAGCAGTCTGCCAAAAC
TGATGTTCAAGAACTTCTGGAATTAGGACAGAAACAAAGAGAAGAAATGAAGTCTCTTCA
GGAGGCCCTGCAAAATCAGCTTAAGGAGACATCAGAGAAAGCAGAAAAACACCAGGCTAC
TATTAATTTTTTAAAGACTGAAGTTGAAAGAAAGAGCAAAATGATCCGAGACCTCCAGAA
TGAGAATAAAAACTTGAAAAACAACTCTTGTGAGGAAACAAGCTCTGTGGCATTACGC
AGAAGAGTCAAAAAAATCCAAGCCCAGCTGAAGGAGCTTCGTTATGGGAAGAAGGATTT
ATTATTTAAGGCGCAGCAGCTTACTGATCTGGAACAAAAATTAGCTGTAGCCAAAAATGA

Table 7
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ACTGGAGAAAGCAGCTCTTGACAGGGAGTCACAGATGAAAGCAATG

>SEQUENCE:73:prostate_MPM2000-004P4Novel007_8Table4

GGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAG
AATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACAACCAGAACCAGCAATTGTATTCT
CTATAGTTATTTTAAAATAGTAATCAATGCTATGTATTTGATGTATATGTTCTAAATTAG
AAATTTCTTTTGGCTTTGTGTTTTTTTTATGTGCGTTAAATATGTAAACTGAACCTGTTT
CTAAAATGCATTAACTTAAATGCTGTGTCTATCCAATGCCAAAATGCTCAGAAGAAAAG
TGAATAATTCAGTCATTCACTGGATGTAGTTTTCTGTGTAATCTCAAATATCTGAATAT
TGAAAAAACTAGGTTGCTAACTNTTTTCATTCTTATGCAAATGTTTAGCATCATAGTGC
TGTTTCAGATACAGATCTGTTTCATCAAATATCCTCAATTACAAGTCTAAGACAGTTATA
TGTAAGAAAATGTATTATTTTAGATGAACAATGTGGATAACTGAACTAAAACGATATTT
GTGAACTTTGCTATAATGAAATCTTTTATTTTATAGCTCAAGTATTGTAATTAGCACTA
ATTGCAGCAGAGACTGAAATAATTATTGACACCGTAGAGTAC

>SEQUENCE:74:prostate_MPM2000-004P4Novel007_8Table4

TATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATC
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GTCCTCCAGGTTCACTCACGCCAAGGAGGAGGATGACTCAGATCAGGTTGAAGTCCCTCG
AGACCAAGAGAATGATGTCGGGGATAAGCAGTCGGCTGTGAAGATGAAGATGTTTGGGAA
GCTCACCCGAGACACGTTTGAGTGGCACCTGACAAGCTTCTATGTAAGAGATTTAATGT
CCCTGACCCTTATCCAGATTCAACTTTAGTTGGCTTACCAAGAGTGAAGCGTGACAAGTA
CCGTGCCTGAATTAATTATTAATATTTAAAATACTTCATTCTTAACTCTCCCT

>SEQUENCE:75:prostate_MPM2000-004P4Novel007_8Table4

TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACC
ATTCTTATCTCAGAATGCTGTAAACCATCAGTAGAAGCAGTTTAGATTTGGACTGCATGG
TAAAATGAAAAGTAATAACCCTCCAACCACAACCTAGTCAGGGTATTAATAATTATATGT
AGCAAGAAAACAAAGAAGAAAATAATTGAAAAAATGGAGATTCCCCAACCAGTTTCAT
ATTTGAAGGATCTGAGTTGTATTTTATTAAGGAAATTTTTTTTCTGAATACTGTCTTC
CAAAATGTTAACATTAAAATCTGAATCAGAGGACTCTGAATGGAAAAGAAGTTTGATCAC
TGACACCTAGGGCTCTGAAGCGTGTGTGGCCACATGGAAAAGTCGAAGGATGCGCTGTCTG
AATCTCCTTTGTCTTCACTCCATAGACAATTGGGTTGAGCACAGGAGGAACCAGCAGA

>SEQUENCE:76:prostate_MPM2000-004P4Novel007_8Table4

ATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTC
GCCCTGTGAGCGGCCGCCCGGGCAGGTACAACCAGAACCAACAATTGTATTTCTCTATA
GTTATTTTAAAATAGTAATCAATGCTATGTATTTGATGTATATGTTTCTAAATTAGAAAT
TTCTTTTGGCTTTGTGTTTTTTTAAATGTGCGTTAAATATGTAAACTGAACCTGTTCTTAA
AATGCATTAACTTGAATGCTGTGTCTATCCAATGCCAAAATGCTCAGAAGAAAAGTGAA
TAATTCAGTCATTCACTGGATGTAGTTTTCTGTGTAATCTCAAATATCTGAATATTGAA
AAAAGTAGGTTGCTAACTTTTTTCATTCTTATGCAAATGTTTAGCATCATAGTGCTGTT
TCAGATACAGATCTGTTTCATCAAA

>SEQUENCE:77:prostate_MPM2000-004P4Novel007_8Table4

CTATACGGCGAATTGGATCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACAGTGAAAAG
AGCCAAGGCTGTGTGACCCCTCATCACTTAGCCAGGCGTATGGTCCTGGTTTCTGAGGC
TGCCAGAAAGCATCTTAGCAATTTGTGTTTGGATGGTCCATGCCTGACTATTCTAGGCTG
GAGGTTCTTAAAGAGTAACAAGAGGAAGAGAAACAAGAATCTCTGACACTTGTTGAGAAT
AGAGCACAGTCCCATTGTTTGAAGAGAGACACCAGGCAGCCATGTTTATGTGCCAGAAA
TGCATTCCACCTCAAGGAGGACTTAATTTATGGACCCGTGTGTGCCAGGCTGAGCTGGGC
AAGATCTTTCTCAGGACAACTCTGCCATGCAGCTAAAAGTCTGGAACTAAAGGATTTC
ATGTAGTAACTATCTTCCAACCCCTGTAGGCATCAG

>SEQUENCE:78:prostate_MPM2000-004P4Novel007_8Table4

CCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCCCTT
TCGAGCGGCCGCCCGGGCAGGTACAGTGAAAAGAGCCAAGGCTGTGTGACCCCTCATCA
CTTAGCCAGGCGTATGGTCCTGGTTTCTGAGGCTGCCAGAAAGCATCTTAGCAATTTGTG
TTTGGATGGTCCATGCTTGACTATTCTAGGCTGGAGGTTCTTAAAGAGTAACAAGAGGAA
GAGAAACAAGAATCTCTGACACTTGTTGAGAATAGAGCACAGTCCCATTGTTTGAAGAG
AGACACCAGGCAGCCATGTTTATGTGCCAGAAATGCATTCCACCTCAAGGAGGACTTAAT
TTATGGACCCGTGTGTGCCAGGCTGAGCTGGGCAAGATCTTCTCAGGACAACTCTGCC

Table 7
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ATGCAGCTAAAAGCCTGGAACTAAAGGATTTTCATGTAGTAACTATCTTCCAACCCCTG
TAGACATCAGACCACAGGATGA

>SEQUENCE:79:prostate_MPM2000-004P4Novel007_8Table4

ATACGACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGT
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AGTGTGGAGGTGAAGGCAGTATTAACAATATCCTATAGTTGACTGAAGAGTTGGTTACAG
CAAAGCTCTCCATTGCCCTTAAATTTTCTCTCTCCTTAATACAGTAGGATCAATTTTAAG
TGCATTTTATGTGTGCATTTTAAACTCTTTTTTAAAAACAGAATAGAAATGGTTTTTCAG
AGTGATGCTGATATTGGTTGATGATGCCAAGGCACCAATGGAGAGCATATTTTTTAAATT
GAATATGTTTTTATTTTCTTGTTTGTGATTTTTTAAAGTGAATCCAAATGTGAAGAGGAA
AAAAATCAAATTCTGCCAATTGAAAAGAACAAAACCAGC

>SEQUENCE:80:prostate_MPM2000-004P4Novel007_8Table4

ATTGGGCTTTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGTTGGATATCTGCAGAATTC
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TAGAAGCAGTTTAGATTTGACTGCATGGTAAAATGAAAAGTAATAACCCTCCAACCACA
ACCTAGTCAGGGTATTAATAATTATATGTAGCAAGAAAACAAAGAAGAAAATAATATTGA
AAAAATGGAGATTCCCCAACCAAGTTTCATATTTGAAGGATCTGAGTTGTATTTTTATTAA
GGAAATTTTTTTCTGAATACTGTCTTCCAAAATGTTAACATTAAATCTGAATCAGAGG
ACTCTGAATGGAAAAGAAGTTTGATCACTGACACCTAGGGCTCTGAAGCGTGTGTGGCCA
CATGGAAAA

>SEQUENCE:81:prostate_MPM2000-004P4Novel007_8Table4

GCGAATTGTTCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGA
ATTCGCCCTTAGCGTGGTCGCTTTTCGAGGTACCTCTTTCAGTTTCCCAATTAGTTATTTG
TTTTAGATTAAACAATAGTGTAAATGCATCAATTCCTTGGGTAAATTACCGATTGGAATTC
CTAGTGTCATCCTTGAGACACAAGCAAAAACTCAACAATATTATCCACGTGAAATGGGA
CCTCTAAACTGTCCTGTTTTGTTACAGCCTCTAATGAGCTAAAATAGTATAAGAATCTTG
AAGATTAAGAATTTCTGTAGTGCTCTACTTGCCTGAAATTTGGGGTGCTAAGCATTAAAA
AAATGCAATTTTAGTGTGTTATACTTGCGGACATTAAACACTATGTGTAAAGGTTGAGAA
TTTCTACCATAAAATACATAGATCCTCTGGATGTAAATC

>SEQUENCE:82:prostate_MPM2000-004P4Novel007_8Table4

TACACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGA
TGGATATCTGCAGAATTCGCCCTTAGCGTGGTCCCGGCCCGCCAGGTACAAGAGGGTGCACTA
ACAAAGGTCTGATTTAAGTGCTTTTATTCAACCCAGTGAAGGGAAAATGACAGTAATACA
TCTAAGCCATGCATAAAGGATTGAGGCTTCTTGAAGGATTACAGTGGCATAAAATGG
TTTGTTTCTTACAGCAATTTACATTTATTAAAATAGATAATAGGCATAATCATTGTCAA
AATAGAGCTTCTACCCTGTATAATATCTTAGTACATTCCCCGCGTACATAAAATATATTT
AACTATTGATAATGTGGGGTGGGTAATACTGGCTGGGAAATAATGTTAGAAGCTTTTAC
TTAAAAAAA

>SEQUENCE:83:prostate_MPM2000-004P4Novel007_8Table4

TACACTACTATAGGGCGAATTGGGCCCTTAGATGCTGCTCAACCGGCCGCCAGTGGTGATG
GATATCTGCAGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACAGAAAGTTTCAGCCA
GTCTTCAGAGAAGTAAAAGTGATGTCTATTGTGCATTGAAGTAAATATTACAAACATTCC
AGTTTCGCAATACAATACTTGAGCTTTTGAACACCTCAGACACTAGAATGTGTAAATGCGA
GTCAAAAAAGCTGACATACAAAACAATTCCCATTTGGCTCAGGGTTCTTAAATGTCACAA
TATCTTGGGTAAAATATACTTTTTGATTTCTGATGATGTCCTTCTAATCCCTTCTGACT
TTGATTCCTAACAGCCAGGCACTGTTGACATGAATCATTAACCTTCCAAACCCCTTTAAAA
T

>SEQUENCE:84:prostate_MPM2000-004P4Novel007_8Table4

TACGACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG
ATGGATATCTGCAGAATTCGCCCTTTTAGCGGCCGCCCGGGCAGGTACGTTCTTGGAGAC
ACAGCAATGCAGAAGATGGCCAAGTCCCATGTTTTCTTAAGTGGGATGGGTGGTCTTGGT
TTGGAAATTGCAAAGAATCTTGTTCTTGCAGGGATTAAGGCAGTTACAATTCATGATACA
GAAAAATGCCAAGCATGGGATCTAGGAACCAACTTCTTTTCTCAGTGAAGATGATGTTGT
TAATAAAGAGAAACAGGGCTGGAAGCTGTACCTC

>SEQUENCE:85:prostate_MPM2000-004P4Novel007_8Table4

AGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGC

Table 7
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AGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACCTGGCACTACAGACATGCACAAG
CATGCATGGCTAATTTTAAAAAATTTTGTAGAAATGGAGTCATGAACTCCTGGGCTCA
AGTGATCCTCCACCTCAACTTCCCAGAGTGTTGAGTGAGATTACAGTTATGAGCCACCA
TCCCTGGCCAATAAAGGTGTTTTTAATACCTATAAGAATATTGCCTGCAAGGATGTTTGA
TAGGTTTCTTGATATTTCACTCTCTCTTGAAATGTTTGCTTCGTCAATTTTTTATTTTC
ATAAAAGCTTTACTCAAGAATTAGGATGACCACTATGTTATCTAGTAG

>SEQUENCE:86:prostate_MPM2000-004P4Novel007_8Table4

TACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGT
GATGGATATCTGCAGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACTGCCCTCCTT
ATTTACGCGCTGTCATTCTGATCACTCTAGGACCGGTTGAGACTTTTTCTGTGATACAGTT
TCCTACCTTTTTAGGCAACCATCTGTAAGACAAGGTAGAATGCTACCATAACCATGATTA
ACATTTGCAAACACTCTGCCACAGTGCAGCCACTTTCTTTGCCTCCAGCTGAAGAAATTG
AGGTGCACAGAGGTTAAATTTGATGCTCAAAGCAATACTAGAAAATATAGGAGGCTG
GGCTGCCTGATTGATTCCCAGCTTAGAGATTGAAAGTCACATGCGAAGCGCTTTAGCAGA
TAGAGAAGGGGGAGTCATACTCCAGCGTGCATTTTAGTTTGTGCTTTTCTGTCCTTGAAT
TAAGAAGTGTGACGTGTGCCTCCAACAGCATAGCATGCTACAGAAATGGATTTCTTTTCC
TGGGGTTGATAATCTGCTGGCCAAATCTTTATCTCTGTAGTATCCC

>SEQUENCE:87:prostate_MPM2000-004P4Novel007_8Table4

GAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAAT
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GTTAGATAGCATTTGAGTTAAACCAGACCAATTTATATGGGACAATTTACTGTTGACAAC
AAAATATTTCTGACTGTGGGTATTCAATTCAATGAGGTTATTGCTTAAGGATCATAATTG
GTCTGGAATCTTTGAAAATGTGTAGGCTACTTTATAAAGTTACATAAAATTGTGAAAAAG
TTGCATGCTTTAGAAACAGTATTTCCATCAAGCTTGTGGTCTAAAAAGAATATGAAGACA
ATAGCAAATGGACGTTTTTAACACAGTTTCTTAGTATTTACAGTATTTTTCTTCTCTAG
CTGCCATCCCTTCAAAGCTGGTCAATGGTTTTCTGGGGCTTTTTTACCTCACATTGAG
AGCAAGGAGGCATTTGCAATTTCTGTGGGATAGGCTCGGTTTCTGCAGTGGCATTACTTG
GGGGACTTTCTTTGTGCTTCATGGAACACGGTCTGCCCTCATCTTGAG

>SEQUENCE:88:prostate_MPM2000-004P4Novel007_8Table4

TACGACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG
ATGGATATCTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACGCGGGGGAGCCGA
GGAAACTGAGCGTGGGCCTCAGAAAGAAGTTAAGGCACCCGCGAGCCGGGCAACTGCC
TCCTTCCGCGCCGGCGGAGCGATTAAAGTGAAGAAACAATGGCCAGCAATCACAAATCTT
CAGCAGCTCGCCCTGTTTCAAGAGGTGGAGTTGGGTAAACAGGAAGGCCTCCTTCTGGGA
TACGACCCCTATCAGGAAATATTCGAGTGGCAACTGCAATGCCACCTGGGACAGCAAGAC
CAGGTTCTCGGGGTGTCCCATAGGGACTGGTGGAGT

>SEQUENCE:89:prostate_MPM2000-004P4Novel007_8Table4

CTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCCCTTTCTGA
GCGGCCGCCCGGGCAGGTACTCAGCTGGTGAAGTCAACCTTTAAGCCCACTCCCATGC
ATAAGAGTAACTTTCACTCTTTTCCCTATTTTAAGACTATTTCAATAGTAAATGCTATTT
GTCACAAGGAAGTTAGATGGAAAGGAATGAATCACCATTGAGGACAAATGTATAACCACT
GTGATGTGACTGACACCAAAGCAGATTATGGCTGTGTGTTCTGAGTTGTCTTCTGTAAA
AAAG

>SEQUENCE:90:prostate_MPM2000-004P4Novel007_8Table4

GCTCAGCGGCCCGCAGTGTGATGGATATCTGCAGAATTCGCCCTTAGCGTGGCGCGGCCGA
GGTACACTATCCTGTGGTTTCTAAATTCTGCTTCTTTATTAAGAAGCGATTAACTGTAAG
GTAGAGGAACTACCATGTTATACTTCTCTGCAAATCTCAGAAACAAGCACCCAAATGTAG
ATCACCTGCTGAAGCTCAAATCACAGGACTCCTTGAGTATAGATGCCTTAGAATGCTAC
AGGGCTGCTACC

>SEQUENCE:91:prostate_MPM2000-004P4Novel007_8Table4

CCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCCCTT
AGCGTGGTCGCGGCCGAGGTACCCGAAAAGAAAGGAAGTCTTTAGTAATGAAAGGATTGC
TGCCAAAATCCTGTTTCCCCCTTGCAGATCTTACAGAAAACAGCCACAGAATCCCAAGGC
ATCAGCACCAAGAGAGCCTGTAGAACTATCTGGTCTAAGCTCCTGAAGCCCAGAGATAA
GAATGACTTAACCCAAGCTGCACAGCCTCTTAACAGTCCACTGTTAACCCCAGAAACAGA
TGCATTTGAATCTGAAAGGAGACAGGAATCCTAATCCTACTGCTCAGGGACTTGCTGATT

Table 7
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TACTTTGCTGTCTATTAGCCTTTCTGTGACATGATTTTCTACCAAGCAAAGTCTTTTATT
CAAGTCTCCCAGAGATTTTCTATTTAAGCGTTTGCTATTTGGCCACTTAAAAAAGACAGA
AGAGAAGTAAACAGAAGCATATACCACACAACCTCAGTCCAGTCAGTAGTTGACTCTCAAG
ATGGCGGATGTCACTGGGATGGCTG

>SEQUENCE:92:prostate_MPM2000-004P4Novel007_8Table4

TACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGT
GATGGATATCTGCAGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACCTTACAATGT
TAGTAACTGTCTTTTATTAAGGAAGAAAAAGTTAAATGGCATGTAACCTAAGAAGGTGG
GAGAATAATAAAGGAAAAAATTAAGAACAAAACGAAAAGAATCATGAAATAGTAAAACAG
TAAATTAAGATATAAATCTCAGAGTTGGTTATTTGAAAAGATCAATGAAACAGAGTAAT
TCTGAAAAAACCAATGAGAACAAAAAGGGAAAGCACACGCAACATGGGAATGAGGAAGCA
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>SEQUENCE:93:prostate_MPM2000-004P4Novel007_8Table4

ACTACTATAGGGCGAATTGGGCCCTCTAAGATTCCATTCTCAACCGGCCGCCAGTGTGA
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ACTCAGTTGTGAGGGGGAAGGTAGACTCTTTCCAGACCTTTGATAAAGGGGCTGCTCAAA
AAAGCCACGACCTTGGGCCTCTGCTAAAACCATGGCTTTAAGTAAGGAGGGAGCAGATAT
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AACCCAAGTGGAAGTCAGTAGGAAAGTAGCTGGGATGATGCCAGTCTTTACAGGGTCTTC
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>SEQUENCE:94:prostate_MPM2000-004P4Novel007_8Table4

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CCAATTAGTAAGTAGTAGCTGAAAGAATGACAAATAAGTCTTAACCATAAACCAGTGAGA
AAGAACTTTAGGAGCAATATGATCAAATAGTATGGAAGAATACGCAGAGAGAGTTATTTG
CTTTTCTTCAGAAAAGGGTGGGGAAGAGAGTCAGGGAAGTCTTTGTGAAGGAGAGGAAAT
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>SEQUENCE:95:prostate_MPM2000-004P4Novel007_8Table4

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GCAAGAGGTGCAAAGACTTAAAAAGGAACAGGCCAAA/ATAAGGAGGACTCAAACATAGA
GAAAATTCAGCAGGAGCTGGAAAAACTAAGCGTGCATTTGATTTCAGTGCTCATGGCCGA
AGACACGTAGCCCTAAGAATAGCCTATATGGGCTGGGGATACCAGGGCTTTGCTAGTCAG
GAAAACACAAATAATACCATTGAAGAGAACTGTTTGAAGCTCTAACCAAGACTCGACTA
GTAGAAAGCAGACAGACATCCAACCTATCACCGATGTGGGAGAACAGATAAAGGAGTTAGT
GCCTTTGGACAGGTGATCTCACTTGACCTTCGCTCTCAGTTTCCAAGGGGCAAGGATTCC
GAGGACTTTAATGTAAAAGAGGAGGCTAATGCTGCTGCTGAAGAGATCCGTTATACCCAC
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>SEQUENCE:96:prostate_MPM2000-004P4Novel007_8Table4

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AGGTCAACAGATCTGCTGTCTGTGAGCTAACACTAAAGAAATAGAAGAAGAGGAAATCTT
TGAAAAATCGAGAAAAGATACCTTTGATCCCAAAAGTCTTGGTTTGAAGGAACTTTTTAT
CCATTAGATCATCTAATTCTGGAAGAATAACCAAAGTGACAGCATCCTTGTATTCTTCCTC
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Table 7
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>SEQUENCE:97:prostate_MPM2000-004P4Novel007_8Table4
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ACCATCTTGGAGTTCCCATCGTGAGTTTGCTTACGAGGACATCAAAACATTAGAGGGTC
CAAGTTTTCTCTCCGAGGCCCGTTTTCTACACGAGCAACAAAAATTGAAGAAATGGATC
CCTCTTCAACCTTCATGAAACCATTAAGCTCTCAGGAGAAGCGATTTTGCGAATTG
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>SEQUENCE:98:prostate_MPM2000-004P4Novel007_8Table4
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TAATGATTTATTTTCTTAAGAAAAAGTAGATAGAAGAAGAATGTTAGAATATCTTAAAAA
AATAGGAATCCCATTCGTATTATTGGATAACATTAGCACACCCAATGAAATCAATTCCT
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>SEQUENCE:99:prostate_MPM2000-004P4Novel007_8Table4
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GAAGAGGTAACAGATCCAGAGAATTCAAGTAATTTATTTGTAGACTGAAAAATATATTAA
AGTCTTTGCTGCAATCATATGTAACAAAAAGAACCACAAACAACTTTTTAGTGGCACC
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>SEQUENCE:100:prostate_MPM2000-004P4Novel007_8Table4
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TGTCGCCAACTTGGGTATTCATGGAATTTCTAGTAAATGAAATACCTATACTTTGATAC
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TGTGGAAACTCAAAAGGTCAGGACAGACTTCCAAGCACTTGCAACTGATGTTACTGTCTT
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>SEQUENCE:101:prostate_MPM2000-004P4Novel007_8Table4
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GTTGGTTTGTGAAAATACTAGTAGAGCTGACATACTTGTGGTGAGACTGATGGAAATAG
TGCAGTTACAACCAATATCATAATTGGAAAGGAAATCACTATAGGTGCTGTAAAAA
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>SEQUENCE:102:prostate_MPM2000-004P4Novel007_8Table4
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AAAGAGCAAGAGAAACGAAACCAAGAAGTGCTTGACATCCTGAGCAATTCCCGGATGCTG
CTTTGCCAGAGAGTAGGATGCCAAATATTTTCGAGAAAGCCTTTCTGGACTTGAAAAGGAA
AAATGAGAGCCAGTCTTGTGTCGTCATTTGACTTTTAAATCATCTCCTGGAGGAAGGTTA
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>SEQUENCE:103:prostate_MPM2000-004P4Novel007_8Table4
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TTATGTGGCAATATTACCTCACCCACTTTCAAAAGATGTCAGCAAGCTAGGTCAAGGATC
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CAGTCCTATTAGCAGCAGAAAATTAGAAATCCTGAATTTTAACAAAGTCCCTAAAGAGTC
AAAGAACACTGGGTGATCACAATCAACCAAAGCTACCACTTGTCCAGAGCATTTTTCTAA
AGAGAAACAGCTAACACAAAAAACTTAACCTCCTTCAGGAAAGATTTCTCTTCGCCG
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>SEQUENCE:104:prostate_MPM2000-004P4Novel007_8Table4

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AACAACCTTGAAACGTGTGTTTCGCATATTTACAAGCAGGTATTTTTCCAATGCCACTCAC
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GTGAACATGTAAAATGGATTTCTTATTGTAGGTAAAGTCCAAAAAGTTTAAAAGCTTCT
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>SEQUENCE:105:prostate_MPM2000-004P4Novel007_8Table4

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TTGTGTAGAACATAGATGAGAACTCCGGGAAAACCTTGGGAATGGCAACCAACCAAAATCA
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ACTTCAGAAAAAAACACTATCAGTGTAGTTCATGTTAGTATAATTATAGATTTACATATA
TTTGAATAGTTAATTTGCTTTGTTTACACGTAGCCCACTGCCTCATTATAGGTAAAAGG
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>SEQUENCE:106:prostate_MPM2000-004P4Novel007_8Table4

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AAACCCCCC
CAAAAAAA

>SEQUENCE:107:prostate_MPM2000-004P4Novel007_8Table4

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TGCCAGAAAGCATCTTAGCAATTTGTGTTTGGATGGTCCATGCCTGACTATTCTAGGCTG
GAGGTTCTTAAGAGTAACAAGAGGAAGAGAAACAAGAATCTCTGACACTTGTGAGAAT
AGAGCACAGTCCCATTTGTTTGAAAAGAGACACCAGGCAGCCATGTTTATGTGCCAGAAA
TGCATTCCACCTCAAGGAGGACTTAATTTATGGACCCGTGTGTGCCAGGCTGAGCTGGGC
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>SEQUENCE:108:prostate_MPM2000-004P4Novel007_8Table4

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TGCATTTGAATCTGAAAGGAGACAGGAATCCTAATCCTACTGCTCAGGGACTTGCTGATT
TACTTTGCTGTCTATTAGCCTTTCTGTGACATGATTTTCTACCAAGCAAAGTCTTTTATT
CAAGTCTCCAGAGATTTCTATTAAAGCGTTTGCTATTTGGCCACTTAAAAAGACAGA
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>SEQUENCE:109:prostate_MPM2000-004P4Novel007_8Table4

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CTGTCTTCATCAAGCAGCTGCCCTTCTGCCGCTCCAATATCCTTTCCCATTCCTACTGCC
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TTATCGTCATCATCTCCGCCATTGGCCTGGACTCACTTCTCATCTCCTTCTCATATCTGC
TTATTCTTAAGACTGTGTTGGGCTTGACACGTGAAGCCCAGGCCAAGGCATTTGGCACTT
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>SEQUENCE:110:prostate_MPM2000-004P4Novel007_8Table4

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GGGTATGGTTGCATAAAGAAAAATCCCTTAAAGGATAAGCCAAAATTTTTCAGTGATAGT
GCATAAAAGCCTTGTTATCTTTAAGGCTTGCTTTTGGTGCATAGAGCCAAATAAATTGC
CAAGGCCAAAACAAAAAGAAAGAAAATCTAGTCTCTGATTTAGTGCCCAAAGTTTTTAA
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>SEQUENCE:111:prostate_MPM2000-004P4Novel007_8Table4

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GAATAGAGCACAGTCCCATTTGTTTGAAAAGAGACACCAGGCAGCCATGTTTATGTGCCA
GAAATGCATTCCACCTCAAGGAGGACTTAATTTATGGACCCGTGTGTGCCAGGCTGAGCT
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>SEQUENCE:112:prostate_MPM2000-004P4Novel007_8Table4

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>SEQUENCE:113:prostate_MPM2000-004P4Novel007_8Table4

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AGAAGTGGGGAGCAGAGAGGAAGATGGAGTGGAAGGGGGCAGGCAAGGCCCTCCTGAA
A

TACCTCAACCCAAATCTTCAAGAAATCCCCAAGTCCTCACAGTGCTTTTTGTGGATTTT
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AAGAGAACAGAAGAGGAGGCAGAAAGGGGATGGGGAAGTGGGGTTCGCCATGTTACAGAG
CTCCTGGAGCCACAGGGCCCCCAGGAACAACAGAGCTGAGACTGGGTGGCCTTGTTTCT
GGCCCAATTCCCTGGGACCACCACCCTGGAAGGACAACCTTGAGCCCTACTCAAGGACCCA
CCACAACATCTCAGCATTGTGCGGTCTTAAATGCCAAGGTCTGTGCTCACCATTTCATC
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TTTCTGACACTG

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CCAGGTATCCAGCAGGTAGACAAAACAGCTAACTCCAAGTCCACTCCTTTCTCCACATCC
GTTCTATTTCTCAGCCATCTCAGTGACATCCGCCATCTTGAGAGTCAACTACTGACTGG
ACTGAGTTGTGTGGTATATGCTTCTGTTTACTTCTCTTCTGTCTTTTTTAAGTGGCCAA
TAGCAAACGCTTAAATAGGAAATCTCTGGGAGACTTGAATAAAAGACTTTGCTTGGTAGA
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>SEQUENCE:115:prostate_MPM2000-004P4Novel007_8Table4

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Table 7
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GATGGATATCTGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACCCGAAAAGAA
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GTCTAAGCTCCTGAAGCCCAGAGATAAGAATGACTTAACCCAAGCTGCACAGCCTCTTAA
CAGTCCACTGTTAACCCCAGAAACAGATGCATTTGAATCTGAAAGGAGACAGGAATCCTA
ATCCTACTGCTCAGGGACTTGCTGATTTACTTTGCTGTCTATTAGCCTTTCTGTGACATG
ATTTTCTACCAAGCAAAGTCTTTTATTCAAGTCTCCCAGAGATTTCTATNTAAGCGTTT
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>SEQUENCE:116:prostate_MPM2000-004P4Novel007_8Table4

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CCCCAGTTAAGCTTTTTTGGACCACACAGGTAGCCTAAGCTTGGACTGAAAGCCCATAGAA
GGCCATTTGTGGTTATAAATCATCAGGGAAAATATTCTATAGTTTCCATGTGCCACTAAG
GTTGAGACAAATGAGTTCCTTGCTGCGCCCTTCTATGGAGTGTTTATTTCTTGTTACCT
TTACACTGAGGGTGTCCAGCTTTATGAGGGAACCTACTAGATTTCTCATTTCTGTGGC
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GGGGAAAAGCTGGCTTTGGCAGTTACTTCCTAGGATTCCAGCTTTTGCTTCATTTTGAAG
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>SEQUENCE:117:prostate_MPM2000-004P4Novel007_8Table4

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>SEQUENCE:118:prostate_MPM2000-004P4Novel007_8Table4

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GTGTTGCTTCAGAAATTCAATGAAAAAGATTTGGAAGTAATACAGCAGAACTGCTATTTA
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>SEQUENCE:119:prostate_MPM2000-004P4Novel007_8Table4

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TGAATAATTCAGTCATTCATCTGGATGTAGTTTTCTGTGTAATCTCAAATATCTGAATAT
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TGTAAGAAAATGTATTATTTTAGATGAACAATGTGGATAACTGAACTAAAACGATATTT
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>SEQUENCE:120:prostate_MPM2000-004P4Novel007_8Table4

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CAGTGTCTCTTATTCCACTCTGTATACCCATCGTTTAGCTCCCATTTCCAATGAGAACA
TGCAGTTTCTGACTTTCTGTCTCTGAGTCATTTCACTTACGATAAGGGCTTCTAGTTCCA
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>SEQUENCE:121:prostate_MPM2000-004P4Novel007_8Table4

GGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCC

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TTGGCTTTGTGTTTTTTTAATGTGCGTTAAATATGTAAACTGAACCTGTTCCCTAAAATGC
ATTAACTTGAATGCTGTGTCTATCCAATGCCAAAATGCTCAGAAGAAAAGTGAATAATT
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>SEQUENCE:122:prostate_MPM2000-004P4Novel007_8Table4

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CTGCCTCTTTCTCAAAGAGCTTGTGCTAGAGTCATCACTTCCCATTGGGCTGAGGACATG
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>SEQUENCE:123:prostate_MPM2000-004P4Novel007_8Table4

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>SEQUENCE:124:prostate_MPM2000-004P4Novel007_8Table4

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TTCTTTTGGCTTTGTGTTTTTTTAATGTGCGTTAAATATGTAACTGAACCTGTTCCCTAA
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TAATTCAGTCATTCATCTGGATGTAGTTTTCTGTGTAATCTCAAATATCTGAATATTGAA
AAAAGTAGGTTGCTAACTTTTTTCATTCCCTTATGCAAATGTTTAGCATCATAGTGCTGTT
TCAGATACAGATCTGTTTCATCAA

>SEQUENCE:125:prostate_MPM2000-004P4Novel007_8Table4

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTT
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AGATTCTGAATTGGCTAAAAGACATGCATTTTTAAACTAGCAACTCTTATTTCTTTCCT
TTAAAAATACATAGCATTAAATCCCAAATCCTATTTAAAGACCTGACAGCTTGAGAAGGT
CACTACTGCATTTATAGGACCTTCTGGTGGTTCTGCTGTTACGTTTGAAGTCTGACAATC
CTTGAGAATCTTGCATGCAGAGGAGGTAAGAGGTATTGGATTTTCACAGAGGAAGAACA
CAGC

>SEQUENCE:126:prostate_MPM2000-004P4Novel007_8Table4

GTGCGAGTTGGAGCTCCACCGCGGTGGCGGCCGCCGCGGGCAGGTACTCTTTTCAAGGCTT
TACTTCCAATCTTCCCCTTAAGTGCTAGTGTCCAGAGGAAAAATTATTTCTTCTCTGTAG
AAGTCATTTTGAAGACAGTATTTTTCTGAGATCCAATGTGGTTGGGAGTTCTGAAGAGGA
AGTTATAGTTTTAAGCTAGATTATCTCATTTTATTATATTCTGTGTTTATTTTCCTTTGC
TGTGCTTAGGCCTTTGGCAAATGTTCTCTAGATGTACCTCGGCCGCTCTAGAAGTGTGG
ATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGG
GCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGG

>SEQUENCE:127:prostate_MPM2000-004P4Novel007_8Table4

CTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGA
TATCTGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACAACCAGAACCAACAAT
TGATTTTCTCTATAGTTATTTTAAATAGTAATCAATGCTATGTATTTGATGTATATGTT
TCTAAATTAGAAATTTCTTTGGGCTTTGTGTTTTTTTTTATGTGCGTTAAATATGTAA
CTGAACCTGTTCCCTAAAATGCATTAACTTGAATGCTGTGTCTATCCAATGCCAAAATGC
TCAGAAGAAAAGTGAATAATTCAGTCATTCATCTGGATGTAGTTTTCTGTGTAATCTCAA
ATATCTGAATATTGAAAAAACTAGGTTGCTAACTTTTTTCATTCCCTTATGCAAATGTTTA
GCATCATAGTGCT

>SEQUENCE:128:prostate_MPM2000-004P4Novel007_8Table4

CCCCCCTCGGAAGTCTTCTAGNATTAATTAACGCGGGGGAGAGAGAGAGAGAGAGAAAC
TTTAAAAGTTTGATCTAATGTACTTACTACCAAATAAAGATTTTACCTATAGATTGAAAC

Table 7
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TAAATTGTAAATGTCCCAAATACTTTTCCCGATGAAATTCAAACAAAATTAGACTTTTAT
ACACACAAAGCAAAACAAAACACAACCTATATATAATTTCAAGATTAAGAAAAACAAAAC
AAATAAAAGCATTCTCTCAAGACCTTGCTTCAGTTGTGTAAAATAATTAAATGTGCTATT
CCAAGTTGATTTTAGTTTTTAAATACAGAATTTGATAAAAGATAAGTAAAAGAAGGCCTT
GGGTTCAGGGTGGCAGATATTTAGTGCACCCTTTATCTAGTTCAGGAAACACTTGAAAGA
TTTATCAAGTTTCCTTATGTAATGAAAGACTTAAGTCAATAAGCAATACCCACAG
AACATAATTAGAGCAGCATATTGGAGCACAATTTTTTTTTTCATAAAGACTAAACTGAAC
AGCAGCAGATTGAAACACAATTTTTTTTTCTAAAGAACTAAACTGAACAGCAGTCAAGAC
TC

>SEQUENCE:129:prostate_MPM2000-004P4Novel007_8Table4

ATACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTG
TGATGGATATCTGCAGAATGGCCCTTAGCGTGGTCGCGGCCGAGGTACAGAAAATGCGGT
GATAACATAGGCAAACCATCTACTTCCCAGTCTTCTTTCTAGATTTATTCCTTTCCAGAG
CATGGATGCCATATTGAAATACAAATGCCAATCATCAGCATGGTGAAGGGGAGAGAGCGG
GTAAACGCTGCCAATCTTTTTGCTGGTAACACTTCTCCACACTAAGGCAGGAGCTATACA
GTGGCTTCTGAGGGTTCAAGAAGAACCAGATGTTGAGGGCCAAAGTTGCTAGGGTGACAG
GTGGAATATTGTTGATCCCAACATGGAAGATTTGAGAAAGGAGTAGAATAAGTCCAGTAT
TTATCCCTCTTGATCTCCGTTGCATGGCCAGATATCAGGGAAACAGCTCAGCAATGGGAA
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>SEQUENCE:130:prostate_MPM2000-004P4Novel007_8Table4

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CTTGATTCCTGGTGAACACGGTTAAATTCATGCACATTTGTTCTTGAGTTTCTTAAAAA
TTAGAATCCAAATTTATTTTGTGTTAGCCAAGCAAAATTGGAAAATTTCCATTTTATTATG
ACTTAATGTAAATTTTTTTGCTCTTGCTTATTAAGTAATACCGAACCTGGTAAATTCTGT
AAATTTTTTAAAAATTTTAGTATTCTTTTACAATTCAAATT

>SEQUENCE:131:prostate_MPM2000-004P4Novel007_8Table4

AGGGCGAATTGGGCCCTCTATATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGC
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CATAACAGATACACAATCTGTAGTGTCTCAGTGACCTAGGGTCCTAGAATCATACTAATG
CAAACAAACCATGATTCCCAATGTTCTAGACTGCAGACAATAAACAGGGATCTTGCTTGG
GGCTGCTAGGCGCTAGCAAACAACATCTAACCAGCAGCATGCCTTCAAGGTTTCGAGACC
ACAGTCACTCCCACTTATAGATGTGGACCATCTTCTCTGTTAAGGTAGCCAAGTAGCTGT
TACGGTTCACCTCAAATGGGCAAGATGTCCAACACAGNCTGATCGGTCTGGTAGGTCCTG
GAG

>SEQUENCE:132:prostate_MPM2000-004P4Novel007_8Table4

TACGACTCACTATAGGGCGAATGGNGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGT
GATGGATATCTGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACCCGAAAAGAA
AGGAAGCTTTAGTAATGAAAGGATTGCTGCCAAAATCCTGTTTCCCCCTTGACATCTTA
CAGAAAACAGCCACAGAATCCCAAGGCATCAGCACCAAGAGAGCCTGTAGAACTATCTG
GTCTAAGCTCCTGAAGCCCAGAGATAAGAATGACTTAACCCAAGCTGCACAGCCTCTTAA
CAGTCCACTGTTAACCCCAGAAACAGATGCATTTGAATCTGAAAGGAGACAGGAATCCTA
ATCCTACTGCTCAGGGACTTGCTGATTTACTTTGCTGTCTATTAGCCTTTCTGTGACATG
ATTTTCTACCAAGCAAAGTCTTTTATTCAAGTCTCCAGAGATTTCTATNTAAGCGTTT
GCTATTTGGCCACTTAAAAAAGACAGAAGAGAAGTAAACAGAAGCATATACCACACAAC
CAGTCCAGTCAGTAGTTGACTCTCAAGATGGCGGATGTCACTGAGATGGCTGAGAAATAG
GAACGGATGTGGGGAAAGGAGTGGCAATGGAGTTAGC

>SEQUENCE:133:prostate_MPM2000-004P4Novel007_8Table4

CGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGA
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GGACCAGTGGAGAGCAGTGGATTGAGATCTCGCTACCGTTCTTACCTACCGTCTACAAC
TCACCTACTGACAAAGAAGACTACATGACCGACCTACGAACCTTTGGATACTTTTCTCGGA
AGTGAAGAGGAGAAACAGCATAGGGTTAAGCTGGGGAGCCCAGATTCTACCTCTCCTTCC
AGCAGTCCTACTTTCTGGAACCTATAGTCGTTCTATGGGGGATTATGCACAACTTTAAAG
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>SEQUENCE:134:prostate_MPM2000-004P4Novel007_8Table4

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AAGGTGAGAAGCAGTTCTCCATGGACACTGATGACAGCACAGGCAAAGTTTCCTATGACT
AGGGATCACTGTCCACACAGAGTCTGGCTTCCCAGGTATCCAGCAGGTAGACAAAACAGC
TAACTCCACTGCCACTCCTTTCTCCACATCCGTTCTTCTCAGCCATCTCAGTGACA
TCCGCCATCTTGAGAGTCAACTACTGACTGGACTGAGTTGTGTGGTATATGCTTCTGTTT
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GAGACTTGAATAAAAGACTTTGCTTGGTAGAAAATCATGTCAC

>SEQUENCE:135:prostate_MPM2000-004P4Novel007_8Table4

TACGACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG
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ATGGTCTTCTGCATTGTGAAGGTTGTTCTCATCAACCAAGCCTGCAATGACTAGACATT
CTAAAGAGAAGAGTGATGGCAATGGAAAGAGGACACATCCACTTGCCAGGTCACTTCTAT
CAGTTGATGACATGCCATATGTTATGGCTAGGTCAGCTTTCACAAGTATGCACATGCAA
AATAGAACTTGGGAAAAAAATCTTTGATTTGGCCCTCTACCAAGTGGATCAGTGTGTCAG
AGTTCAGTTGAGCAAAGGTCAGAGTTTAAGTTGAATCTCCAGTCACTCTTTTGAAGATAT
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>SEQUENCE:136:prostate_MPM2000-004P4Novel007_8Table4

ATAATTTGCCATGTCTTCTAATAAGAGTGAAAAAGTGAAAATGAATCTGTATGCAACATT
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GTGCAAGAAGAAGAACAGTTGATGGAAAAAAACCTTATAACAAAAAAGGAGGTTCTTG
CCCGGCCGCCGCTCGAAAGGGCGAATTCCAAGCACACTGGCGGCCGTTACTAGTGGATCC
GAGCTCGGTACCAAGCTTGGCGTAAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTT
ATCCGGTCACAATTCCACACAACATACGAGCCGGAAGCATTAAAGTGTAAGCCTGGGGTG
CCTAATGAGTGAGCTAAC

>SEQUENCE:137:prostate_MPM2000-004P4Novel007_8Table4

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TCTAACCCTCTCAGAACTGAAACAATGTCTTTGCTCTTAAAAGAGAAGAGACTTCAGA
TGTAATCAAGAAAACATTGTGTAACCTGCCTCTAAGCTCTTCAGAGCCAATTTTACTATG
GCAGGATATTCCTTCTGATAAGGTGATTAATGAAGTTTTTGGTGCTCACTTTTCTCTCA
TAGTCTATAAGCTCAGTATACCAAAAAAAAAAAAAAAAAATTAGATAAAATAAAACAAAACCC
CCAATAGGTCTTGAAAATAATATAAATATTTTGTGGAGTCCCAGTCACATAATACTCCAC
T

>SEQUENCE:138:prostate_MPM2000-004P4Novel007_8Table4

GCGAATTGTGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGA
ATTCTTCCTTAGCGTGTGTTGCGGCCGAGGTACAAGAGGCTACTTCTACTAGTGACATTCT
GAAAGTTCCCAAACCTGAACCTATACCAGAGCCTAAAGAACCTTCTCCGGAAAAAAATTC
CAAAAAAGAAAAGGAGAAGGAGAAGACCCGACCACGATCTCGGTCACGCTCCAAATCAAG
ATCCCGGACGCGGTCCCGCTCTCCTTCTCACACTCGACCTAGACGGCGCCATAGATCCCG
ATCAAGATCGTATTCACCTAGAAGGCGGCCAAGCCCAAGAAGGCGGTATCTCCTCGAAG
AAGAACTCCGCCAAGAAGAATGCCTCCTCCACCAAGGCATAGAAGGAGTAGATCTCCAGT
AAGACGAAGGAGACGTTTCGTGAGCATCCTTGTCTGGGAGTAGCTCATCATCCTCTTCATC
TCGTTACG

>SEQUENCE:139:prostate_MPM2000-004P4Novel007_8Table4

ACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGG
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AGTTCTCTCTCAGGTGATACTGTTTTGGAAGCTTATTTCCACTCTTGCACTGGATTCACT
AGCTGCACCTGGGCCCATAACCCAAAACAACTCTCATTAATTAACACAAGACCCATCA
ATAAGAAAGTTGTCCAGGGAAGGTGCACAGCAGGGACCTCTGCTTTTGGGAACCTGTGG
CTATGCAGGCAGGGTCAGGAGTGTGACCCATTTTCTTCTCCTCCCCCTGCCTGCTGCACA
GACAACTGAAACCAGGAGCTTTCATTGCTAAGTATATAAAATACGTGATAGTTCCAGGG
AAATGTAATACACATATGAAGGAATGAGGAACCTACATAAAATTAATAAATGAATAT
ATTAAATATACAACACTGTAAGAGATAATCACGGAAAAGACAACAAATATAAAAAACCTG
TGTGTATACGTGTGACATAGTGTCTTGTAATTAATCGTAATTTGCTTATGAAGTCCT

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TCAAGTAGGTACCTCGGCCGCGACACGCNTAGGGCGAATTCCAGCACACTGGCGGCCGT
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>SEQUENCE:140:prostate_MPM2000-004P4Novel007_8Table4

GGCGAATTGGGCCCTCTANAGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGA
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TGTTCAAGAGGTTTGTCTTTTTTTTTTCCCCTAAAGGTGCTGAGATGTTATGAGTGCTTTAT
GTGTGGTTACTGGATAAGTTTTGAAATGTCACCTGTGTTATAAACTGCATGATTATCGATT
TTGGAAATTTTGTTTTTTTTAAATGATTAATTTAAATAAAATGGAGAATTTTGATCCATA
AGAAAAGCAGGACTGAAATCTCCAGGGATGGGAGCCTTTGGGTTCACTTTGTTCAAGTGT
GTTTCTTTGTAGACTTCCTACTTTCTTGTAATAATGTTTTGGACTAAATATTTACAAGAA
TAGAATTTTCAAGGTCTGGCCGGTTATGGGTTGTAGATTTGGGGCAGAATGCTGAGATG
TACCTCGGCCGCGACACGCTAAGGGCGAATTCCAGCACACTGGCGGCCGTTACTAGTGG
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GTTATC

>SEQUENCE:141:prostate_MPM2000-004P4Novel007_8Table4

TATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATC
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GTAAACCATCAGTAGAAGCAGTTTAGATTTGGACTGCATGGTAAAATGAAAAGTAATAAC
CCTCCAACCACAACCTAGTCAGGGTATTAATAATTATATGTAGCAAGAAAACAAAGAAGA
AAATAATATTGAAAAAATGGAGATTCCCCAACCAGTTTCATATTTGAAGGATCTGAGTTG
TATTTTTATTAAGGAAATTTTTTTTCTGAATACTGTCTTCCAAAATGTTAACATTAAAAT
CTGAATCAGAGGACTCTGAATGGAAAAGAAGTTTGATCACTGACACCTAGGGCTCTGAAG
CGTGTGTGGCC

>SEQUENCE:142:prostate_MPM2000-004P4Novel007_8Table4

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACCAGGA
G

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CGTTAGCCCTGGGGTTTATTATCTAGCCAGTTCACACCTTCTAAAGTGGGGCTCTGAAAA
TGTCTTACTTCCCTCACAGACAAAGCAATTCTCAAGCCTCCTGAGATCACCCACCAACCA
GAGCAACTGCTGTCACTTGGAGGTGCAGCTGAATTCTTCTAATTGTGACACAACTCTTG
AACTGTAAATGCTGAAAGATTAAATGAGGTTATAACACTCAGAAGGTTTTACAAGTAAA
AGTAAGTCAAATCAAATAGGTCTTTATTTTCATATCTGTAATGGTTTAGCTCTGCGGGAAG
TGTTAGCAGCTTATATGAATTATGAAGAATTTAGAAGACAATCCCTAAACACATGAAA

>SEQUENCE:143:prostate_MPM2000-004P4Novel007_8Table4

CTATACGGCGAATTGGATCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACAGTGAAAAG
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TGCCAGAAAGCATCTTAGCAATTTGTGTTTGGATGGTCCATGCCTGACTATTCTAGGCTG
GAGGTTCTAAAGAGTAACAAGAGGAAGAGAAACAAGAATCTCTGACACTTGTTGAGAAT
AGAGCACAGTCCCATTTGTTTGAAAAGAGACACCAGGCAGCCATGTTTATGTGCCAGAAA
TGCATTCCACCTCAAGGAGGACTTAATTTATGGACCCGTGTGTGCCAGGCTGAGCTGGGC
AAGATCTTTCTCAGGACAACTCTGCCATGCAGCTAAAAGTCTGGAAACTAAAGGATTTC
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>SEQUENCE:144:prostate_MPM2000-004P4Novel007_8Table4

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AGGACATTTGAAGAACTGGTATGCTACTCACTGGTGAAGGACAGTCAGGTGAAGGACTGT
AAGCCCACACAAGCTCTTCTTATCTCTACTAGAATTAATAATGTTAAGTCAAAAACGGCTC
CTTTTTTGCGCCTCCTAGTGAACTTAACCAGCTAGACCATTGAGTACCAGCATTAGT
TACAAACGTCAAAGGCTTCCGGTGCTGCTTACCTTCTTTTTTGTTAATGTGCTTTTATT
TATTAACAAAAAATTACAATGAAGATGCCTGTTTTGTCTCTACTGTGTACTCTGATCGTAT
CTTTCCAAAGTGACAGACTCTTGTAAGTTTTCTTAAATTGTTCACTTTAAAGAAAATGAC
GTACCAACAATGATTTGGCTTTTATATTACTGTAAGATGTTATAATGTTAATGTGGATGT
AGTGCTTTTACTTTACAGATTGATTGGAATAAGATTATTGCATATGAATTTACCCACAGG
ACTCTGAATCATGTTACCCAC

>SEQUENCE:145:prostate_MPM2000-004P4Novel007_8Table4

CGCGCGTATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTA

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CGCGGGGACATCAATGCAGAGTCCCTCTGTGAATTTACAACACCCAACACCCATGAGTTC
AGTCCTTAAGAAGGAAAATTGAGCAAGTATTTAATTGGTTGGACATTGCATAAAAGAGGT
CCATATCCAGGCTAACTCTAGAAATTTTATTCTCAAACCTTAGTTGGCCTCTTTTTCTTCT
GTCAGAGGACCATTCTTAGTGGCACTGGGGAAATCTTGGCACCCAGAAGAATTCAACTGC
GCTCACTGCAAAAATACAATGGCCTACATTGGATTTGTAGA

>SEQUENCE:146:prostate_MPM2000-004P4Novel007_8Table4

CGACTCACTTAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGAT
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AACTTTTTCCCCCTGAGAAGTGATTTTAAGATCTATCAGTCTCAATTTAAATGATCTGTT
AATCAGCCAGAGTTTTAGTTTCATAATATCGTTCCATTGCCTGACAAAGATATACACACT
GAAGTGCCTTTAGCAGACCTGGGACCGTCAAGAATCTTGTTACCCTGATTATTGCAAGAT
GACATATTTCTTAAGCCATTTATAATCCCATATTCGGGTTGAATCTGAATTTACAAATAA
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>SEQUENCE:147:prostate_MPM2000-004P4Novel007_8Table4

CCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCCCTT
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TTCTTTTCTGTAGAAGGTGGTTCTCCCTTCTACCCAGGAATAATTTTGTGGCAAGTCATT
GAGTCAGCAGTTATTTTGACCCTAACTGAAAGAGATAAAGTTCTTAAGAATTTATTATAT
ATGTTTCTTGCCACTGAGTGAGCAAGAAAAATACATACCCATCAGTGCTGACTGGTTGGT
AATTTCTGAAACACAATGCCACAGCTCTTCATGAATAACACAGTAACAGAATTACAGAGA
ATTTGGAAGAGATCAATCTCTAGATGGATGAGTTAGTCTATAACAAATAGCTACTCAAC
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AGTCTCTAGAAATCAAGAAATNTTTACAGATTAATGGATC

>SEQUENCE:148:prostate_MPM2000-004P4Novel007_8Table4

GACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGAT
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CTGTAAGATAGTATGACATTTCTGCCTTTCTGCAAAATTACTGAATCAAAGTTTGAAGTA
GTGCGTTCTTTAATGGATTTTATTTATAAAATCATCTTTACTGTAATCCCAGCACTTTGG
GAGGCCAGGGTGGGTGGATCACCTGAGGTCAGGAGTTCAGGACCAGCCTGGCCAACATGG
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AATCC

>SEQUENCE:149:prostate_MPM2000-004P4Novel007_8Table4

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TCACTGATCACTACATTTAAAGCAGTCCAATAGTGGAACAGGCTGCCTCACAAATAGTGA
GCTCTCGTTTCTTACACAGATTCTACTATGGGCCAGGATCTCAGCCAAGCAGTGGAGCCA
GAGGCTGGACAGACACAAGCAGAGATTTTGGAAAAAGACTGAGTCCCTCTCAGCACTTCA
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ATGAACGCCTGTTGAAACCCCAACAATTTTTTTCAGCCATTTATTAACCCCAAGAG
ACTATCAGGACTTCAGGGCAACATCCTAGAGATAGCAATGCCCCCAGCAAGAAGAAAAG
AGTTCTCAGTCTGAGAGGCACAACTGTAATCAGTGTAATTAACAGCTTACCCTCACCTC
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>SEQUENCE:150:prostate_MPM2000-004P4Novel007_8Table4

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GCAAAGTATATTCTGATTCCATTATCGTGTTAGGCTCCTATATAGTTATAAGTAATCCCA
TGCGGTTTTAGAATTCTTAAATATTCACACACATAGTCATCTGAAAATGAATAAATCCAT
GAATGACTAAACAAAATTTATTCCTATATCNATTTCAATATCCTTAAATTATGCTTACAT
CCTTAAATCGGTTGCCTCATTCTGAAAGCACATAGTCTGTAACCTCGTAAAAAACACCTGT
CGGCCGGGCACGGTGGCTCACGCCTGTAATCCCAGCACTTTGGGAGGCCGAGGTGGGCG
T

ATCACCTAAGGTCGGGAGTTTGAGACCAGCCTGACCACCATGGAG

>SEQUENCE:151:prostate_MPM2000-004P4Novel007_8Table4

CGGGCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGGTACAAACGAGTCCTGGCC

Table 7
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TTGTCTGTGGAGACGGATTACACCTTCCCCTTGCTGAAAAGTCAAGGCCTTCTTGGCTG
ATCCATCTGCCTTTGTGGCTGCTGCCCCCTGTGGCTGCTGCCACCACAGCTGCTCCTGCTG
CTGCTGCAGCCCCAGCTAAGGTTGAAGCCAAGGAAGAGTCGGAGGAGTCGGACGAGGATA
TGGGATTTGGTCTCTTTGACTAATCACCAAAAAGCAACCACTTAGCCAGTTTTATTTGC
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>SEQUENCE:152:prostate_MPM2000-004P4Novel007_8Table4
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GTCAAATCAACTGGAGGATAATAAAATATTGTGGGTTCTCAGCATTCTTAGAATCCAAA
TTACAACCATATCAGTACGGGTTTGGTCCACATGAGCCAACCTGAAGTCATTTTCTCAAG
GTTGGAATTTGTGCCAACCTAAATACGTTGTTTCTTTGATGGTGTATTGCTATTGGTA
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T
>SEQUENCE:153:prostate_MPM2000-004P4Novel007_8Table4
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AGTAGCTGGGATTACAGGCGCGTGCCACTGCGTCCGGCTAATTTTTGTATTTTAGTAGA
GATGGGGTTTCACCATGTTGGCCAGGCTGATCTCAAACCTCCTGACCTCATGTGGTCCACC
CACCTTGGCCTCCCAAAGTGCTGGGATTACAGGCGTGAGCCACCGCGCTCAGCCTACAAG
CAATTTTTTAAAACTGACACCTATTACTGATAAAATTCTCTGTTTAAATCCTATTTAC
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>SEQUENCE:154:prostate_MPM2000-004P4Novel007_8Table4
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TCCTACCCATGATGCAGACAGATTGCCTCATTTTCAGCTCAATAAAACATCACCAAATTCC
CTTAGGCAGAAAAAGGGTGGGGAGTGCCCTTTCTTGAAGGAATCCCTTAAGTGCACGTCT
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>SEQUENCE:155:prostate_MPM2000-004P4Novel007_8Table4
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AGTCATGTTTGATGCTTTGGAACAGAAATGGAAGCAAACAGAACAGGCTGATCTTATAAA
TGAGCTATATCAAGGCAAGCTGAAGGACTACGTGAGATGTCTGGAATGTGGTTATGAGGG
CTGGCGAATCGACACATATCTTGATATTCCATTGGTCATCCGACCTTATGGGTCCAGCCA
AGCATTGCTAGTGTGGAAGAAGCATTGCATGCATTTATTCAGCCAGAGATTCTGGATGG
CCCAAATCAGTATTTTG
>SEQUENCE:156:prostate_MPM2000-004P4Novel007_8Table4
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ATCACTTGAACCTGGGAGGAGGAGGTTGCAGTGAGCTGAGATCGTGCCACTGCACTCCAG
CCTGAGCGACAGAGCAAGACTGTCTCAAAAAAATAAAAAAGAAAAAATAATAAAAAGGA
AAACAAAGCCTTTAGAAAAACAAAGCCTTTGAAAAAGGATGTAAAATTGAATATATAGAT
ACAATTATTTTTAAAAAGTTTTATAGAAAAATATCCTGGATTGTTGATGTTGTTTTAATA
TATTTAATCATTTTTGTATAATGTCATGTATAATATGTTATAATGAAAGTAAAAA
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>SEQUENCE:158:prostate_MPM2000-004P4Novel007_8Table4
TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACC
ATTCTTATCTCAGAATGCTGTAAACCATCAGTAGAAGCAGTTTAGATTTGGACTGCATGG
TAAAATGAAAAGTAATAACCCTCCAACCACAACCTAGTCAGGGTATTAATAATTATATGT
AGCAAGAAAACAAAGAAGAAAATAATATTGAAAAATGGAGATTCCCCAACCAAGTTTCAT
ATTTGAAGGATCTGAGTTGTATTTTTATTAAGGAAATTTTTTTTTCTGAATACTGTCTTC
CAAAATGTTAACATTAAATCTGAATCAGAGGACTCTGAATGGAAAAGAAGTTTGATCAC

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TGACACCTAGGGCTCTGAAGCGTGTGTGGCCACATGGAAAAGTCGAAGGATGCGCTGTG
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>SEQUENCE:159:prostate_MPM2000-004P4Novel007_8Table4

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CTTTGGGAAGTAGATTGGCTGTTTGAGCCACACAACCTTAGATCACATTCAGTGTGAGAG
AGACTGTCTACAAACCTGGAGGAAAACATTAAGATAGTTCTCTCTCCTAGCAGCATGT
GAAATAAATAAATAAATAAATAAAAGGTTAGAAATATTTTCTTTGAATCACAATTAACA
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>SEQUENCE:160:prostate_MPM2000-004P4Novel007_8Table4

CTACTATAGGGCGAATTGGTCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGA
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GCCTCCAGAACTGTGAGGCTTGTCCATTTTAATGAGAAGCTTATGCGGCATGGAAGTGA
TTCACCCCCAACCAACAGCTGGTGAGGAATGGAGCTCTTCGTTCAATGACTCATAATGAG
CTTTGAGACAACCAAGCCCCCTAGCTAACCTGTGCCTGGATTCTTGGCCCAACAAAGACA
GTGAGAGAGGGACCCAACCTCAGCCCATGAAGCCACTGAAATACAGGAAAGAGCATCTTCA
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>SEQUENCE:161:prostate_MPM2000-004P4Novel007_8Table4

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CAATTAGTGCTAATTACAATACCTGAGCTATAAAAATAAAAGATTTTCAATTATAGCAAAGT
TCACAAATATCGTTTTAGTTTCACTTATCCACATTGTTTCTCTAAAATAATACATTTTCTT
TACATATAACTGTCTTAGACTTGTAATTGAGGATATTTGATGAAACAGATCTGTATCTGA
AACAGCACTATGATGCTAAACATTTGCATAAGGAATGAAAAAGTTAGCAACCTAGTTTT
TTCAATATTCAGATATTTGAGATTACACAGAAAACCTACATCCAGATGAATGACTGAATTA
TTCACTTTTCTTCTGAGCATTTTGGCATTGGATAGACACAGCATTCAAGTTTAATGCATT
TTAGGAACAGGTTTCACTTTACATATTTAACGCACATTAAAAAAACACAAAGCCAAAAGAA
ATTTCTAATTTAGAAACATATACA

>SEQUENCE:162:prostate_MPM2000-004P4Novel007_8Table4

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TGTTAGAATTTAGATAGACATTAGATAGACAGTGAAAATATTTTAGTCTACAGTTGAAAC
TGTAACAATATTGGTATTGTTCTCACTACCCCTGGTCTAGTTAAGGGCTTTCAAGTATG
TGTTTGGACCAAGTATTTTCATGTCCACCATCTAGATAGTCCTTGGTCTATTTCCCACCC
CATGTGCTTTCTGGTGGGATGATCACATCTGCACCTCTAGTCCCCAAGCTGTCCCTGAGC
TCTGTGTCTCACTGTCTCCACATGGAGTGTCCCCTTCCACCTCAAACCTTGACAAGGGTT
GTGTCTCCACACCACCTGCTCCTCCTGGATTCCAGCCCAGTCTGTCTTCTCTTTCTGT
TGGTTGCCCTGGTTCAGAGCCCTGGGACCTCTCATGTTCTCTCCAGAGTCTCTTCCAG
CCTTACTCTACCCGCCAGACCACTTCTTGGTCAGCATAATTGTGCATTTCCCCAGGTTT
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>SEQUENCE:163:prostate_MPM2000-004P4Novel007_8Table4

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TAACAGTCCACTGTTAACCCCAGAAACAGATGCATTTGAATCTGAAAGGAGACAGGAATC
CTAATCCTACTGCTCAGGGACTTGCTGATTTACTTTGCTGTCTATTAGCCTTTCTGTGAC
ATGATTTTCTACCAAGCAAAGTCTTTTATTCAAGTCTCCAGAGATTTCTTATTAAAGCG
TTTGCTATTTGGCCACTTAAAAAAGACAGAAGAGAAGTAAACAGAAGCATATACCACACA
ACTCAGTCCAGTCAGTAGTTGACTCTCAAGATGGCGGATGTCACTGAGATGGCTGAGAAA
TAGGAACGGATGTGGAGAAAGGAGTGGCAGTGGAGTTAGCTGTTTTGTCTACCTGCTGGA
TA

>SEQUENCE:164:prostate_MPM2000-004P4Novel007_8Table4

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Table 7
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>SEQUENCE:171:prostate_MPM2000-004P4Novel007_8Table4

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AAAGTTTAATTTTCAAGAGTGGCAAGTGTCTCATTTTTAAGAAATGAATACTTGTAAGTGAA
CTTCAGGAAACATATATTTTTATAAAAAAACACCTGAATGAAATTATCTACTATTAAAAA
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>SEQUENCE:172:prostate_MPM2000-004P4Novel007_8Table4

CTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGA
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GTATTCACCACTAAAACTGAAATAGAACATACTATATACAGCTTCAAGTTTGTCACCTT
TTAATAAACTTTTCCACAAATGATTATAATTACTTGCCCTTTGAAGCTATTGGATAGA
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TTCGA

>SEQUENCE:173:prostate_MPM2000-004P4Novel007_8Table4

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CAGAGCAATAGTAAATTGAGTGAGAAAGTTCTGAGTTTTACAGAACTAGAAGGTGTAGG
AATTTTCTTAAGAAATCCTGTTCTCATAGCAAACCATCCCGTTTCTTGATGAAGGAGTTC
AGATAAGTATATGAAGTTTGGAGTGTTTATTACGACTCTCAGACCTTTTGAAATTTACCC
ATCACAATACCTTCTGTTTTTATGTGTGCAGTTAATATAGATNTAAATATATACTTGCC
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>SEQUENCE:174:prostate_MPM2000-004P4Novel007_8Table4

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TCTTTCTTCTCTTCAGAGATCATCAGAAAAGAGGTGGGAATACACAAGCAGGTGCATGT
AAGCCCAAAGCTAGAAAGCCTTATATTTAACCAAAGGTTGATGTGTTTATTCCAGTTAT
TCACTTACAGATGAACTAAACAAATAAAGGCAAGCTATTATCAGTTTGGTAGTTTCATT
ATTTTAGAACAAATTTCTC

>SEQUENCE:176:prostate_MPM2000-004P4Novel007_8Table4

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TAATTATTTCAGTCTCTGCTGCAATTAGTGCTAATTACAATACCTGAGCTATAAAAAATAA
AAGATTTTATTATAGCAAAGTTCACAAATATCGTTTTAGTTTCAAGTTATCCACATTGTTCA
TCTAAAATAATACATTTTCTTTGCATATAACTGTCTTAGACTTGTAATTGAGGATATTTG
ATGAAACAGATCTGTATCTGAAACAGCACTATGATGCTAAACATTTGCATAAGG

>SEQUENCE:177:prostate_MPM2000-004P4Novel007_8Table4

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CATTGTTTAACAAATTTTGGCAAACCTATTCATCTGCAGAAGGAGTCTTACAGAAGATAC
AGAGTGGACACAGTTTAGAAGGCTGTTTTCAAGTTATAAAGTTACTTAGCAGAAGACCTA
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>SEQUENCE:178:prostate_MPM2000-004P4Novel007_8Table4

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AAGTTTATGTAGAGGTTGTTCCGCTATCGTCTAGTATTTAATGTGGCAGAGATTGGACAC
TACAGGAAAAAATTCTGGATATTTACATGCTTTGTATTGAGACAGAAAACTAATCACGG
TGAATTGAGGATTGAGTTTCCATTTCTTACTGAAATGGGGTAAACATTGCCAGTTTGCAT
CCTTGCTTTTATCTCTCAATTTCTGCAAAGTTTAACTAT

>SEQUENCE:179:prostate_MPM2000-004P4Novel007_8Table4

ACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATA

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CAACCATATCAGTAAGGGTTTGGTCCACATGAGCCAACTGAAGTCATTTTCCTCAAGGTT
GGAATTTGTGCCAACCTAAATATGTTGTTTCTTTGATGGTGTATTGCTATTGGTATTA
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TGTCAGCTAACATAATTCATTAAG

>SEQUENCE:181:prostate_MPM2000-004P4Novel007_8Table4

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CTTTTGCTCCCTTTTATATAAAAGTAGAAAATCCCAATGATCTGATGTAGTATAGCTGAG
CATGCCCATTCATTCCCAATATCCCACTGTGTTTCTAACATATGTGTGTGCCCCACC
CACCTCTGGGACCTTTTGTCTGACTTTTTCTCTTGGCTTCCACTTCAGTCAGGGAGAAT
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>SEQUENCE:182:prostate_MPM2000-004P4Novel007_8Table4

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GCCACACTAGAGCAGTGATTCTCAGTCTAACATTAGGTTATCATGATGACGTATGAGTAA
ATTCTTAATGGTTAAATGTGAGACAGTTCACATTTATTCCCATAGAAATGTCATTCTCAT
TTGAATTCAGAGATACTTCTTTGCTGGAAGTATGAATTATAGCTTTACACCAAGGAGTGA
CACGTAGACTAATCTGGCAAGCC

>SEQUENCE:183:prostate_MPM2000-004P4Novel007_8Table4

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AATGGCAGTGCCAAGGGGAGCTGTGCAAGTATAATCAAAGCTGGAAGATTTCTCCATCCA
CCCGCAACCCCAAGGCTTAAGCATTCCCTTAGGAACCAAGCTGACTCTTTGGGAAAGTT
TTCACAGCCTTATTAGGTTACAACCCTGAAGATGTTTTGTTGTTTGTGACCTTAAATTTT
GTGAACTGTTTTGTGAACTGTGTGTGTGTGCACACACATGTGCAAAGGAGTTGCTTGAC
CTTGAGAGAGTCAATTTTCTGCCTAAGTGAAAGGTCAGGAACTGCAGTTAACCCAGAGT
AAAATATTGTTGGGTGAAGGGCTCACTTCTAGTATAGTCAGAATGGGCTCAAGATCTTA
GGAGGATGATAGGTGATGAACTGC

>SEQUENCE:184:prostate_MPM2000-004P4Novel007_8Table4

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GCCCTTAGTGTGGTCGCGGCCGAGGTACATTATACAATAAGGCAAGAACTAAAAACCCA
TACAAATATTGGCAAAGAAGCAGCAAATTACTTTGTTTATAGATTACAGTATTACACATT
TAGAAAATATAAGAGACTTCGGCAGAAAACAATGTAGTTTACCTCAGGAAAACACTAATA
TTTTACCAGATGGCATAGAACAGAACTGAAAAAAGTGAGAGAAAGACCATATTTCTTGA
TAAAAATATTTAGTATCACAAAAATATTAATGCTTCCACAATTGTCTAAAAAACTCCTCC
AATACAAATCACAAATTGCAATACTTAGTTGGGGGAATTGGGGAAGTGAATAATTAGTTTT
T

>SEQUENCE:185:prostate_MPM2000-004P4Novel007_8Table4

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ATGTCATAAATAGGCAACAAATATTAAGCAGAGAAATAAGATTAATAATTAGTGAAAGGT
TAGGTAAAGAGAACCTAACAGCAGCAGCAGAAACAGAAACACTACAGATACGCTACATC
CAGATGTGGCAAGAAATTGAACATATGAAACAAAGACTGTCTCTGACACTAAAAGCACAA
TGGTGTCTATAAACAGGAGGGGAAAAAGACTAGAGATTGTGGTGAGTTCAAGAGATTTGAT
ATAAATTGTTACATATGTTACCCAATTATCTTTATGAAATATTGTTTTACATGAATATTC
TGTATTTTTCTCCAAGATGTTATAAATCACTAAATAAGCAATTCGAGATATAATTACAAG
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>SEQUENCE:187:prostate_MPM2000-004P4Novel007_8Table4

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GATGGATATCTGCAGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACAAGGACACTA
AGACAGTGTAGCCTGCTGACTTGAGAATGTTCTGTAAGGACTGGAAACACTAGAATCTTG

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AAGAAACGCCTGGCTAGAGGTGAGGGTAAGCTGTTAATTACACTGATTACAGTTTGTGCC
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>SEQUENCE:188:prostate_MPM2000-004P4Novel007_8Table4
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AGATAAAATTCAAATCTGGTTCTGTAGACTCCAGGGACATATTCACCATGCCATGGGTGG
TGGCTATTAAACCTTGATAAATTTGTGTTTATGGTTAACAAATGTGAAAGCTATTAAACA
TTGCTGGTTTGAATTTTTACAGTGCAGAAATGTAAAATGAAAAAGGATATTTCTTTCA
CAGTGTACCGAGAAGTCATGATAATTTGTTTCTTCCAGATTTAGGCATATACTTA
TTTAATCAATAATGTGTTAACAGCTGACACCTGTGGTTGCTGTGACAGGCACTATTTGAA
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>SEQUENCE:190:prostate_MPM2000-004P4Novel007_8Table4
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ATTAGTCACCAAAAAAATGCAGATCAAATACCACAATGACATATCACTTCACACCCACTA
GAATAGCTATAATAAAAAAATAAGTAACAAGTATGGAAGAGGATGTGGAAAAACTGGAAC
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>SEQUENCE:191:prostate_MPM2000-004P4Novel007_8Table4
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CAAATTCCCTTAGGCAGAAAAAGGGTGGGGAGTGCCCTTTCTTGAAGGAATCCCTTAAGT
GCACGTCTCCCGTTTTCTTTTACATCAATGCAGAGTCCCTCTGTGAATTTACAACACCC
AACACCCATGAGTTCAGTCCTTAAGAAGGAAAATTGGGCAAGTATTTAATTGGTTGGACA
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>SEQUENCE:192:prostate_MPM2000-004P4Novel007_8Table4
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GTTGGGATAGCAGTTCATTTCCATTAGGCAGACGTATAAACTAAGGAATGTTAGTCTGCA
GTATTCATTTTAAAAATATTGACATGCCTTTCCCTCCCTCCATGAAGTCAGTGCCAGA
GTGAGCCAGATTGGGAGGTTGGGGTTTTGTTTGGTTGGCTTGGTTTTTCATTAAGGGAAAA
AACTTGCATTGGACAATCAAATCCCCTGAGTTTCATAATCTCATCAATATTTTAAGATA
GGCGAGCAC
>SEQUENCE:193:prostate_MPM2000-004P4Novel007_8Table4
CCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCCCTT
AGCGTGGTCGCGGCCGAGGTACCTCTCTTTCTTGTGGAATGTTGAAGTATTGAAATAC
TTCTTTTCTGTAGAAGGTGGTTCTCCCTTCTACCCAGGAATAATTTTGTGGCAAGTCATT
GAGTCAGCAGTTATTTTGACCCTAACTGAAAGAGATAAAGTTCCTAAGAATTTATTATAT
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ATTTGGAAGAGATCAATCTCTAGATGGATGAGTTAGTCTATAAACAAATAGCTACTCAAC
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AGTCTCTAGAAATCAAGAAATNTTACAGATTAATGGATC
>SEQUENCE:194:prostate_MPM2000-004P4Novel007_8Table4
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AGCCAGAGTTTTAGTTTCATAATATCGTTCCATTGCCTGACAAAGATATACACACTGAAG
TGCTTTTAGCAGACCTGGGACCGTCAAGAATCTTGTTACCCTGATTATTGCAAGATGACA
TATTTCTTAAGCCATTTATAATCTCATATTCGGGTGAATCTGAATTTACAAATAAAAGG
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TTTCTGGTTACATTATTTTGTGTTGAATTATACAATTACATAAT
>SEQUENCE:195:prostate_MPM2000-004P4Novel007_8Table4
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CCATGAGTTCAGTCCTTAAGAAGGAAAATTGAGCAAGTATTTAATTGGTTGGACATTGCA
TAAAAGAGGTCCATATCCAGGCTAACTCTAGAAATTTTATTCTCAAACCTTAGTTGGCCTC
TTTTCTTCTGTGAGAGGACCATTTCTAGTGGCACTGGGGAAATCTTGGCACCCAGAAGA
ATTCAACTGCGCTCACTGCAAAAATACAATGGCCTACATTGGATTTGTAGAGGAGAAAGG
AGCCCTGTATTGTGAGCTGTGCTATGAAAAATTCTTTGCCCTGAATGT

>SEQUENCE:196:prostate_MPM2000-004P4Novel007_8Table4

TGGGCTCTCTAGATGCATGCTCGAGCGGCCGCGCCAGTGTGATGGATATCTGCAGAATTCGG
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CAATTAGTGCTAATTACAATACCTGAGCTATAAAAATAAAAGATTTTATTATAGCAAAGT
TCACAAATATCGTTTTAGTTCAGTTATCCACATTGTTTCTCTAAAATAATACATTTTCTT
TACATATAACTGTCTTAGACTTGTAATTGAGGATATTTGATGAAACAGATCTGTATCTGA
AACAGCACTATGATGCTAAACATTTGCATAAGGAATGAAAAAGTTAGCAACCTAGTTTT
TTCAATATTCAGATATTTGAGATTACACAGAAAACATCCAGATGAATGACTGAATTA
TTCACTTTTCTTCTGAGCATTTTGGCATTGGATAGACACAGCATTCAAGTTTAATGCATT
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>SEQUENCE:197:prostate_MPM2000-004P4Novel007_8Table4

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CACATAAGAATGTTTCAGGGAATATTATTTGTAAAACTCCAAATAAATAAACCCTAATA
TCCAATTAGTAGAATTAATAGCAGTATATTCAAAGAATGGACTGTCATATAGCCATCAAA
TGGACAAAATATAGTAAAATGCAACAATGTGCACAAAAATACACAGATATATATGCATAA
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>SEQUENCE:198:prostate_MPM2000-004P4Novel007_8Table4

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ATGGGAAAATTGATGTTTCAGTGGGGATCAGTGAATTAATGGGGTCATACAAGTATAAAA
ATTAAAAAAAAGACTTCATGCCCAATCTCATATGATGTGGAAGAACTGTTAGAGAGAC
CAACAGGGTAGTGGGTTAGAGATTTCCAGAGTCTTACATTTTCTAGAGGAGGTATTTAAT
TTCTTCTCACTCATCCAGTGTTGTATTTAGGAATTTCTTGGCAACAGAACTCATGGCTTT
AATCCCACTAGCTATTGCTTATTGTCCTGGTCCAATTGCCAATTACCTGTGTCTTGGAAG
AAGTGATTTCTAGGTTTACCATTATGGAAGATTCTTATTCAGAAAGTCTGCATAGGGCTT
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GAGCCACCAATTATGATGGGAAGTATGGAATG

>SEQUENCE:199:prostate_MPM2000-004P4Novel007_8Table4

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TTTTTTTTTTTGGAGATGAGTCTCGCTCTGTTGCCCAAATTGGAGTGCAGTGCACAATCTC
GGCTCACTGCAACATCCGCCTCCCGAGTTCAAGCAATTCTCCTGCCTCAGCCTCCTAAGT
AGCTAGGATTACAGGTGCCCGCCACTATGCCTAGCTAGTATTTCTAGTTTTAGTAGAGAT
GGGGGTTTCACCATGTTGTGCCAGGCCTGTAATCTCGAACTCCTTAACCTTCAAAGTGAT
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TTGTGTTCCAGCCAGCCAGTTTTTTTTTTTT

>SEQUENCE:200:prostate_MPM2000-004P4Novel007_8Table4

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GAACTGTGCTTTTAAATCCACATATTTGCATATTAGAGCTAGTTATATCACTCAGTCTAG
AGGAGTGAATCTTCTGGGATTCTATATTCTGTGTTTCAGAAACAGAACGTACCTGCCCGG
GCGGCCGCTCGAAAGGGCGAATTCCAGCACACTGGCGGCCGTTACTAGTGGATCCGAGCT
CGGTACCAAGCTTGGCGTAATCATGGTCATAGCTGTTTCTGTGTGAAATTGTTATCCGC
TCACAATTCCACACAACATACGAGCCGGAAGCATAAAGTGTAAGCCTGGGGTGCCTAAT
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>SEQUENCE:202:prostate_MPM2000-004P4Novel007_8Table4

Table 7
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ACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATA
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TGAAACTCTGTCTCAAAAAAAAAAAAAACAGTGTAATAAAGGCACCTATCCTTACGGGG
CTTGTGGGAGGGTTGAGGGAAGGACTACAGTCTCCTTTTATCTTGTGTTTATCTTTAGTT
TTAGCAAACATTCTATAAGGTATGATTTGTATCATATTCAGCCGCATGAAAAACACAAAT
TTGCATTTTCGATTTTGTTCACAAAATTTGGGACACAAGTCGTTTATCACTTTTAACATCC
TGAAGTTGAACTGGTGCAGCAGTAGTATCCGTTATGCTTGTGAGCCCTTATAATCCTTCC
TAAGCAATAAAATACCCAT

>SEQUENCE:203:prostate_MPM2000-004P4Novel007_8Table4

TATACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGT
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TTATTTATAAATTCCTTAACAGAGAAAAACACCTTTGTAAGGCTCAACTTACCTATTCCA
GCAAGCACACTTTTTCTGTCATTTTTCTTTCTTTCAAATTTGATATTGTCATTATTTT
AAAATAGTAAGTTTTCTTTAATAGTCTTTTGGGACCTAACATACCCTTTCTCATACAATT
CCTAATGCTCTGTTTATGGCAGATAATCTGTAATGTTATGAAGACCTATCAAAAAGTTTT
AAAAGTATTTCTGTCTTCAAAGGTAGTAAGACAGGATTAATTTTTATTAGAATAGACAA
ATCAGTGAATGGTATGCATGTATCTAGTGGTTACTAGAAGTCAAGGATCACACAATATAAT
AGCATCACGATCTGTGTATATTTTTGATCAAGATGATAATAAT

>SEQUENCE:204:prostate_MPM2000-004P4Novel007_8Table4

GCGAATTGTGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGA
ATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACTTACTTTGTTATAGTTGGTGCTATTA
CTGAATCAATCAAGTAGATGAAAAATTAGAAGCATACGGTGTTTCAGGGAGGGATAATTCT
TTTTTTTTGAGTAGGAATTTTGCTCTTGTTGCCAGGCTGGAGTGCAATGGCGCTATCTC
AGCTTACTGCAACCTCTGCCTCCTGGGTTCAAGCGATTCACCTGCCTCAGCCTCCCGAGT
AGCTGGGATTACAGGCATGTGCCACTACGCCTGGCTAATTTTGTATTTTATAGTAAAGACA
AGGTTTCTCCATGTTGGTCAGGCCGGTCTTGAAGTCCCAACCTCAGGTGATTCACCTGCC
TCGGCCTCCCAAATGCTGGGATTACAGGCGTGAGCCACTGCGCCTGGCCTGAATTTTTA
TTCTATAATTCTGTTATAGAATAAAAAAGGGGGGAGGTATAGTGTGTTGCAAAGTTTTAT
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>SEQUENCE:205:prostate_MPM2000-004P4Novel007_8Table4

GACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATG
GATACTGCAGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACATGGGACTACAGGC
ACGCCCCACCATGCCAGCTCATTTTTGTATTTTATAGTAGAGACAGGGTTTCACCATGTT
GGCCAGGATGATCTTGATCTCTTGACCTCATGATCCGCCCTCTTGGCCTCCCAAAGTGC
TGGGATCACAGGCGTGAGCCACCACACCTGGCCCTCTATTTATTCTCTTTAAAGAGAGAG
AAAATATGAGAGGCCAAAATTATTTAATTAATCTTTACCTTAGCACAAGGGAAAAAAT
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>SEQUENCE:206:prostate_MPM2000-004P4Novel007_8Table4

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AGGGGGGGGAAAGGGGGGGGTTTTTTTTTCGGGGGGAAAGGGAGGGGGGGTTTACATGG
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>SEQUENCE:207:prostate_MPM2000-004P4Novel007_8Table4

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GAAATCTTATAAATAAAAGTTATTTAATGTTTGATCATTATCTCTGGTGTGACTAAAACA
AGTATGATAAATCAGGAACAAGAATCCCCAAAGGTCAAGCTAAATAAACATTAAATATT
CTATAGTTATTTGCAAATGATGGCATTATATTATTTGATTTTTGATATGGAAGTATCC
TCTGACCAGGTGTGGCAGTTCACGCCGCTGTAATCCCAGCACTTTGGGAGGCCGAAGCG
GGAGGATTGCTCAAGCCCAGGGGGTCAAGGCTGCAGTGAACCATCATTGCACCACTGCAC

Table 7
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TCCAGCCTGGGAGACAGAATCAGACCCTGTCTCAAAAAAGAAAAAAAGATCCTCTAATA
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>SEQUENCE:208:prostate_MPM2000-004P4Novel007_8Table4

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AATCCAATTCCATCAATACCTGGGGAAACACAAAAACCTGGTGCAGCTGGAAGGCTGCTG
CACTGAAAAGCTGCCACTCTATATGGTGTGGAGGATGTGGCCCAGGGGGACCTGCTCGG
CTTTCTCTGGACCTGTCGGCGGGGATGTGATGACTATGGATGGTCTTCTCTATAATCTCAC
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>SEQUENCE:209:prostate_MPM2000-004P4Novel007_8Table4

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GTAATGGGGGTGGGAAGAATGTGAGGGGGCCTCACAGGCCTTATGGACTTTGGATATTTCT
CTGAGAGAAATGGGGAACCTCTGAAGTGTGTTTATCGCAGGAGATGTATTAGTCATCTGT
TACAGGGTAATAAATACAGCCAACCAAAATGTAGTGGGTAAAAGAACACTAAGTACCTC
GGCCGCGACCACGCTAAGGGCGAATTCCAGCACACTGGCGGCCGTTACTAGTGGATCCGA
GCTCGGTACCAAGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATC
CGCTCACAATTCCACACAACATACGAGCCGGAAGCATAAAGTGTAAGCCTGGGGTGCT
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ACCTGTCTGTG

>SEQUENCE:210:prostate_MPM2000-004P4Novel007_8Table4

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AAATTTCTTTTGGCTTTGTGTTTTTTTTATGTGCGTTAAATATGTAACTGAACCTGTTC
CTAAAATGCATTAACTTAAATGCTGTGTCTATCCAATGCCAAAATGCTCAGAAGAAAAG
TGAATAATTCAGTCATTCTGATGTAGTTTTCTGTGTAATCTCAAATATCTGAATAT
TGAAAAAACTAGGTTGCTAACTNTTTTCATTCTTATGCAAATGTTTAGCATCATAGTGC
TGTTTCAGATACAGATCTGTTTCATCAAATATCCTCAATTACAAGTCTAAGACAGTTATA
TGTAAGAAAATGTATTATTTTAGATGAACAATGTGGATACTGAACTAAAACGATATTT
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>SEQUENCE:211:prostate_MPM2000-004P4Novel007_8Table4

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CGTGGCCAACAAAGATTATCTATCTGTATATCTCTCTTTTGGCTGCCAGACCCAAATACT
ATTTTGCATGGACGCTAGCTGATGCCATTAATAATGCTGCAGGCTTTGGTTTCAGAGGGT
ATGACGAAAATGGAGCAGCTCGCTGGGACTTAATTTCCAATTTGAGAATTCAACAAATAG
AGATGTCAACAAGTTTCAAGATGTTTCTTGATAATTGGAATATTCAGACAGCTCTTTGGC
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>SEQUENCE:212:prostate_MPM2000-004P4Novel007_8Table4

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AGATGGATTTCTTGCCTGTAATTTCCAAGGAGTTACTTTTTATAATGTAGGCATTCCAT
TTAGTTTTGTTAAATAAAAAATAATGAGACTAACAAAGTTAATGAGAATATTTAGAAGGG
AAAAAAAAGGTACTATGTATTAAGACACCCATGAATACTGTTTTATATTTACATTCTAAG
CCTTCGATAGGCCTGAAGTTAAATTAAGATTCCCCAAATCTGCCTATCAGCAATTCATTT
TCTGTGTATGTTGACTCCTCACCTAAATTTACCTGCTCACTAACTGCTATCAAGCCTTT
TCTTTCATAGAAGTGGCTGATATCACATATTTTACCTTACAATTAAC

>SEQUENCE:213:prostate_MPM2000-004P4Novel007_8Table4

GCGGCCGCCAGTGTGTTGTATATCTGCAGATTTTGCCTTTCGATCGGCCGCCCGGGCAG
GTACTTTGTGTTTGAAAGTGATGCATAAATGGCCTCTTTTCTATTTTAGCGATCAAGTG

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CTAGACAGAGATCAAAGAAGCCATCCAATTGTCTGTGCCCCAGTGTGAAGTAGATGATGC
AGTGATTCAAGGAGGTGATGGGTGGAGCTTTTGGAGAGCCCCTACTGTGTCCACCAGGAT
TGAAGCCAAGAGAGAGAAAGTGAAGTGGGCCAGGCTGCAGTAGAAGCTTTTTATCCATCTT
CTATTCCATCCTGAGGTCCACAGCTAGCGAGCAGGGAGCTGGTGGTGCTCTTCCCATGC
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>SEQUENCE:214:prostate_MPM2000-004P4Novel007_8Table4
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CGATTACCTGCTCACCAGCCCTGATGTAATTAATAATGGCAGGCTAGGGGCTCTGTTTC
CCCCGGCTCTGGCAGAGAAACCTGGGTTTCGACTTGTGAAGCTTGAGGTTGGATGTGGGA
ATTGGCTTGGAGTCATAGGCGATGAGAGGGGCATTAGGATATTATGAAGCCCGTGAAGTC
AACTCCTGAGAAGGACACAGCAGAGCGAGAGAGAAAAGATGGAATAAAAAGGCCTACCTCAT
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>SEQUENCE:215:prostate_MPM2000-004P4Novel007_8Table4
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CACTATGTCTGATGAAGTTTTAGCACCACTTTGGCATATACAAAGAGTCCAAAAGTTAC
CAAAGAAGTACTTTCCAGGATGAGCTAATAAGAGCAATTACAGCTCGCTCAGCCAGACA
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TTCTGACACTTCAGCGGATGAAAATTCAGTTAATAAAAAAATGAATGACTTTCATATATC
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>SEQUENCE:216:prostate_MPM2000-004P4Novel007_8Table4
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>SEQUENCE:217:prostate_MPM2000-004P4Novel007_8Table4
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CCTGCAAGCAGCTCAGGTGGCCCTGGGCGACCCATCAGTGGTTTCAAGTTCTGCAAGA
CCCTTGGGCAGCTCTCGTGGCCCTGGCCGGCCTGTGAGCAGTCCACATGAAGTTTCGACGA
CCAGTGAGTGGCTTGGGCCCCCGGGGCGGTCTGTGAGTGGCCCTGGGAGATCCATAAGT
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>SEQUENCE:219:prostate_MPM2000-004P4Novel007_8Table4
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TACAAAGAATCATTCTAATGAGTCATGTATTAGCACAAATATACAGGTTGAGTGAGTATC
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>SEQUENCE:220:prostate_MPM2000-004P4Novel007_8Table4
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TGAGTTGTTATAAGATAAATTTTAAATTTTAAAAAAGTGAATTATTTTATTATTAG
AACAATTCTGATTTGTTAAGTTATCCAGATGTGTTACTTACTCTTGATATAAGAATATT
TAAAAGGCTCATTTAAAACAATTTTTTAAATAACCTGAGTTTTCTCTACAGTTTTTCATCA
AGCACATGAGTGACAGAGTTTGCAGACTGAGCAAGTTTGTAGGAATGAAGATTGTAGTTTC
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>SEQUENCE:222:prostate_MPM2000-004P4Novel007_8Table4

TATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATC
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GGAAAGACAAGGACAAGAAGATGGAATCTGAGCTAATGGCGGAGACATGGAACCAAGTAGA
GAAGAGACCCACTGTCTTCAGAGAGTGCTGACCAGGAAGAGGAGAAGCCTTGGGGACTGG
ATCAGGTGTCTGTCCCTAGGTCCCCATTCTGACTCTTCTCCTGCCACCCTGATCTGGGT
GTAGCATCATATTACATGCTGTGATTGCCATTCCAGCCCCATACTGTGGGAGGCTGGGGA
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>SEQUENCE:223:prostate_MPM2000-004P4Novel007_8Table4

GCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGA
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TGTGACACGTTCTCTAACCCAAATATTGACCTGGATAAATTCAGCCTTGTTCTCATACTG
TTCATAATATTTTCTATCCAGCTGAGTTTTATGCTTTTAACCTTTCATCTTTTCAACAAGG
AATAATTCGGGTTTTCACACCAGCAGACACAGTGGCTATCATTTTCTGTTCTACACACAAA
TCCCTTACATTGGGAATTCGATGCTGAGGATCGTGTTTGCAGGCCATGAGCATCTCTCT
TTAATATCTGTACCTCGGCCGCGACCACGCTAAGGGCGAATTCAGCACACTGGCGGCCG
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>SEQUENCE:224:prostate_MPM2000-004P4Novel007_8Table4

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AGACATTGCCAAGCAGCTTGCCCAAGGGAAGCCAAGCGGTTTTCTAACATAGATAAATC
TTGGGTGAAGATCATGACTCGGGCACATGAAGTGCCAGTGTAGTCCAGTGCTGTGTTGG
AGATGAGACCCTGGGGCAGCTGTTACCACACTTGCTGGACCAGTTGGAAATATGCCAGAA
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GATACAGGGGAGACTAGATAGCATT

>SEQUENCE:225:prostate_MPM2000-004P4Novel007_8Table4

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ATAGAACTAGATTCTCAACTATACTGAAGCTTCCATTATCCAGAATGTCACTGCATATA
CTTGGTGAATTATAAAGTCAAACAAGAAATTCTTCTAACTTTGTCTTTCTTGTCAAAAA
TCCTCTCATTAAATATGCTTTCAATGTGCAAGTAAACAAACGTTGCATTGATTGCGTTTT
TCAAGGGTCTAAATATTCAGTATTAACCTTAGTCCTGAATATT

>SEQUENCE:227:prostate_MPM2000-004P4Novel007_8Table4

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GGAAATGGTTTAAACACATTATCAGATTCTTGGAGGCATAGTCAAGTTCCTAGATCT
TCATCAATGGTACACCAAGGTGGTGCATTACCGGAAGTGGATCAAGGACACCATCGTGGC
CAACCCCTGAGCACCCCTATCAACTCCCTATTGTAGTAACTTGGAACCTTGGAATGAC
CAGGCCAAGACTCAAGCCTTCCCAGTTCTACTGACCTTTGTCTTAAGGTGTGAGGTCCA
GGGTTGCTAGGAAAAGAAATCAGC

>SEQUENCE:229:prostate_MPM2000-004P4Novel007_8Table4

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GGGAAATGAACACATCAGTGTCCACCCTGAAAACCTCAGACTGTATCCAAGCAGATGTTAA
CTCTGATGATTACAAGGGTGATAAAGTATACCATCCAGAAACAGGAAGGAAAAACGAGAA
AGAGAAAGTTGGAAGGAAGGGCAAGCATCTGTTGACTGTTGATCAGAAACGTGGAGAGCA
TGTTGTCTGTGGCAGCACACGTAATAATGAGTCAGAGAGCACTTTGGATTTAGAAGGCTT
CCAAAATCCCACAGCTAAAGAGTGTGAGGGACTTGCCACTTTAGATAACAAGGCTGATCT
TGATGGAGAAAGTACCTGCCCCGGGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCA
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>SEQUENCE:230:prostate_MPM2000-004P4Novel007_8Table4

GACTCGCTATACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGC
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Table 7
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GGGGTCTCAGGGTTGCTCTGGGCCTGATCATCCACTCAGATCTGTAAGGAGGATTTGCAG
GATCCATTTAGAAAGATCCTCCCTTACTTCCACAAGCATGGCCTTTGGCTCTTAAATACC
TGTGCTGGGGTTTTGTAATTATAGAAACAACAGGAACCAAACTCATTAAATGTTGAGCTA
CAAACCAGAGGGAAGCTTCTTTCTCAAAACAGGGCTCAGGCCTAGAAAAATCTAGTTTTTC
TGAAATCGCTAGCCAGCAACAGCACTGAGATGGCCATCCCAGAAACAAGGCCAACACAGA
AGCACCCATAAAGGCCGCTGGAGGTTGGGACAAAGAGATCCTTGCTGTCCTTACAGACCC
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>SEQUENCE:231:prostate_MPM2000-004P4Novel007_8Table4

TATAGGGCGAATTGTGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATC
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ACTACTCTCTATTAGGAGAACTAGACCACTTTCTTCATTCTTTTCTAAACTGCTGCAGAT
TGCCGTGAACTCTATCAATAGTCTCTTTTCCGCAGGCAAAGTGGCATTTTCTAAACATGT
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ACAACGTCCGAGGGTCTTTTAA

>SEQUENCE:232:prostate_MPM2000-004P4Novel007_8Table4

TACGACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG
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CAAGCCCTCATTGAGCACCATGAGGAGGCAGAGGAAATGGGGGGCTAGTTTATAATCAAT
GGCATTGAAAAAGTCATCCGAATGTTGATTATGCCTCGGAGAAATTTTCCATTGCAATG
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TGTGTGAGGGAAGAACATTCCGCTG

>SEQUENCE:233:prostate_MPM2000-004P4Novel007_8Table4

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TGCCAGAAAGCATCTTAGCAATTTGTGTTTGGATGGTCCATGCCTGACTATTCTAGGCTG
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AGAGCACAGTCCCATTTGTTTGAAAAGAGACACCAGGCAGCCATGTTTATGTGCCAGAAA
TGCATTCCACCTCAAGGAGGACTTAATTTATGGACCCGTGTGTGCCAGGCTGAGCTGGGC
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>SEQUENCE:234:prostate_MPM2000-004P4Novel007_8Table4

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AGCTTCATAACACCTTTTGTGGGACAATTTAATGTGGGACAGCTTTTGTGGGACAATTAA
TTTAATAAAATTTAATTCCTTATCCAACCTTTTAAATGTATGACATTTCAAATTTCAAATT
TAGTAAGGCCTACGACATGCCACACTTGCTTTTCCTTCAGGTTATTTACTTGGCATTATT
TCCCTTGCAACTTGGCTATACGAGCAAATCCATACTAAAGTTGCTAATATGCTTTCTTAA
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>SEQUENCE:235:prostate_MPM2000-004P4Novel007_8Table4

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>SEQUENCE:236:prostate_MPM2000-004P4Novel007_8Table4

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TTAGATTGTTTTGTTTTATTATTGAATAGTAAGAATTGTTTATATATTCTGGATACACTC
TTTTTCAGATATGTGTGTTGTGACTATTCTTAGTCTTTAGCTTGCCTTTTCATTTTCTTA
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TATGGTTGGTGCTTTTTGTGTGTTCCAAGAAATCTTTGCCTACTCATTTAATTACCTGTG
TGCCCTTGTCAAATCATTTAATTTTGACTIONCACTTAATTACCTTGCCTACTCATTTA
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>SEQUENCE:237:prostate_MPM2000-004P4Novel007_8Table4

Table 7
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ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATTTGTTGGGGG
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GAAACAGAAACAGAGCTTCCAGCAGGTGGGGGGCATTGGAAGAAAACGATGCCATAGAA
GCCAAGATGAAATAGACATCAAGGAGAAGGAAGTAGTCAATTGTTTTGAATGCTATGAAG
AAAGATAAGAATAGGTAAATAGTCCTTATATTTGATAACAGAGGTCACTAGTGATCTTGA
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>SEQUENCE:238:prostate_MPM2000-004P4Novel007_8Table4

TATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATC
TGCAGAATTCGCCCTTAGCGTGGTTCGCGGCCGAGGTACGCGGGGAGACAGAGATGGAGAC
GGAAAGACAAGGACAAGAAGATGGAATCTGAGCTAATGGCGGAGACATGGAACCAGTAGA
GAAGAGACCCACTGTCTTCAGAGAGTGCTGACCAGGAAGAGGAGAAGCCTTGGGGACTGG
ATCAGGTGTCTGTCCCTAGGTCCCCATTCTGACTCTTCTCCTGCCACCCTGATCTGGGT
GTAGCATCATATTACATGCTGTGATTGCCATTCCAGCCCCATACTGTGGGAGGCTGGGGA
GTGTGAGAAGCTTTCCCAACCCTGGCAGGTACATACACAATCACTCAACTG

>SEQUENCE:239:prostate_MPM2000-004P4Novel007_8Table4

ATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTC
GCCCTGTGAGCGGCCGCCCGGGCAGGTACAACCAGAACCAACAATTGTATTTCTCTATA
GTTATTTTAAATAGTAATCAATGCTATGTATTTGATGTATATGTTTCTAAATTAGAAAT
TTCTTTTGGCTTTGTGTTTTTTAATGTGCGTTAAATATGTAACTGAACCTGTTCTAA
AATGCATTAACTTGAATGCTGTGTCTATCCAATGCCAAAATGCTCAGAAGAAAAGTGAA
TAATTCAGTCATTCATCTGGATGTAGTTTTCTGTGTAATCTCAAATATCTGAATATTGAA
AAAAC TAGGTTGCTAACTTTTTTCATTCTTATGCAAATGTTTAGCATCATAGTGCTGTT
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>SEQUENCE:240:prostate_MPM2000-004P4Novel007_8Table4

ACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATA
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TAAAACGATCATTTGTGGAGGAAAATACAGGATTTTCCAAAACAGTTTCAGAGCTACCTT
TGCAGATGGGTAGGCTTTTACCCACCCACAGAAAGAAGAGTCAACGGGGCTGAGACAGG
ACAGGGATGGGTTTCAGGAGCACAAATTAAGTTTTCGTATCTTAAAGAAAATATCTAT
GTTTCAGAGAGAAAATTGAGAAGATAAGTTACTGCCAGTTCTCTGGTCTTTGACACTTA
GACCACATAAGAATGTTCCATGGTAGAAGGGTTGGGACAGAGAATCTTAGGAATCCTAAG
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TATT

>SEQUENCE:241:prostate_MPM2000-004P4Novel007_8Table4

ACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGG
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CCCTAGTTTATGTGCCAACCTTATTTTATATTACATTCCCAAATTATATATAGCTCTGTT
TCTAAGCTCTATTCTGCTCTATTGGACTATTGTCTGGTCTTATGCTAATCCTACCTTATT
TTAATGTCTGTGACTTTAGTCATAGGACATACCTTGAAGAATAGGAACTCCCTTACTGTT
TAAACAGTTCATTTGGCTATATGTGGAATTTTATTCTTTCTATATAAACTTTAAGGTTTG
TTTATAGAGTTCCTTAAAAATTTGATTGGAATTGTATGAATTAATAGGGAGAAAGTTGAT
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>SEQUENCE:242:prostate_MPM2000-004P4Novel007_8Table4

TACACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGA
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CCAGAAAGGTTCACTGCTGACTCCCCACCTCTCAAAAAACAAACAAACAAACAAACACC
ACCAAAGCTTTCCGCCATTGATGCACATGCTTATTCTGACCCCAACCCCATCCCTACAAA
GGGGCAGCAGACAGCACAAATAGTCAAGGACAAGGTTTTTATTTATTTATTTATTTATTAT
TTATTTATTTATTTTAAAGGAGACAGGCCTCGCTATGTTGCCAGGCTGGCCTCCAAC
TTGGGCTCAAGTGATCCTTCTGCCTCAGCCCCCGAGTCGCTGTGCCTAGGAGCACGCAC
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>SEQUENCE:243:prostate_MPM2000-004P4Novel007_8Table4

Table 7
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CCAGAAAGCATCTTAGCAATTTGTGTTTGGATGGTCCATGCCTGACTATTCTAGGCTGGA
GGTTCCTAAAGAGTAACAAGAGGAAGAGAAACAAGAATCTCTGACACTTGTGAGAATAG
AGCACAGTCCCATTGTTTGAAGAGACACCAGGCAGCCATGTTTATGTGCCAGAAATG
CATTCCACCTCAAGGAGGACTTAATTTATGGACCCGTGTGTGCCAGGCTGAGCTGGGCAA
GATCTTTCTCAGGACAACTCTGCCATGCAGCTAAAAGCCTGGAACTAAGCTCTAGAAC
TAGTGGATCCCCCGGGCTGCAGGAATTCGATATC

>SEQUENCE:244:prostate_MPM2000-004P4Novel007_8Table4

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TTCTCTTTTTCTCCCTGTTTCCCTTTTTCCCTTGGCCACAGCCAAATGCTAATTGCTGCT
TTAATTACAGAGATGTGTAAATGTATTAGATTACAACTCTACAGGAATACATCAACAT
TTTAACTCTTTTGCGTTTTTACTGTTTAACTGTTTAAATGCAAGTTATTTTAGGGTGAC
ACTCCTTCCAGTTCTGGCCAGATCATGAGTTTCAAGATCAAGAGTAAAAAGTTATTAGAA
ATAAACAGTTTTATAAAGGGAGGCAGCCCTTTCCCTCAAGAACAACCTTTGTTGAGAGTT
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>SEQUENCE:245:prostate_MPM2000-004P4Novel007_8Table4

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TAAATGAAAAGTAATAACCTCCAACCACAACCTAGTCAGGGTATTAATAATTATATGT
AGCAAGAAAACAAAGAAGAAAATAATATTGAAAAAATGGAGATTCCCCAACCAAGTTTCAT
ATTTGAAGGATCTGAGTTGTATTTTTATTAAGGAAATTTTTTTTTCTGAATACTGTCTTC
CAAAATGTTAACATTAAAATCTGAATCAGAGGACTCTGAATGGAAAAGAAGTTTGATCAC
TGACACCTAGGGCTCTGAAGCGTGTGTGGCCACATGGAAAAGTCGAAGGATGCGCTGTCTG
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>SEQUENCE:246:prostate_MPM2000-004P4Novel007_8Table4

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AAGGTAGACACATTCTATTTATGAGTCTAACACCCAGGAGCAGGAATGAGAGATAGGGGA
GTGAACTGGGGAAAAGGGAACTAAGTCCGAGCAAAACCAGATACTGCTCTTATCAAGTG
GTCCACCCCTATTAATGGCTACATAATGCAGAACTTTCTCAGGATTCTTCTTAACTTTA
TCTCAGAACTGTCTGCCTCAGGGAGAAAGGAGAAGTATTTCTCCATCAGCAGCCACCTCC
TGTGTGTTGAGGGCTGCTCCTTTTGGGCATTAACCCACTGCCTCCACCACCCCAACCCTC
TGGGCTGCAAAGAGCTAGCTGACAGTCCAGCTGGTACCTCGGCCGCTCTAGAACTAGTGG
ATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGG
GCCCGGTACCCAGCTTTTGTCCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGT

>SEQUENCE:247:prostate_MPM2000-004P4Novel007_8Table4

ACTCACTATAGGGCGAATTGTGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATG
GATATCTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACTATAGGATACAACCAG
CGAAACAGAATTGATACTCTCATGTATCTACTAGCATATCCACAAAACCCATGGTTAAG
ACAAAACCAATTGAATTGATAGAATTTGAGGAACTGCCAGCTGGACAGAATGCAACAGTT
GCTGTGATGAGCTATAGTGGCTATGATATTGAAGATGCTCTTGTTTTAAACAAGGCCTCT
TTAGACAGAGGCTTTGGGCGTTGCCTTGTATATAAAAATGCTAAGGGNACTTTNNTTTTA
TTNNTTCTTTTTTTTTACCTTTTTTTTTTTTTTTTTAATTATTATTATCTTATATATT
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>SEQUENCE:248:prostate_MPM2000-004P4Novel007_8Table4

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C
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CTGCTATAGCAGCGTTAGCCCTGGGGTTTATTATCTAGCCAGTTTACACCTTCTAAAGTG
GGGCTCTGAAAATGTCTTACTTCCCTCACAGACAAAGCAATTCTCAAGCCTCCTGAGATC
ACCCACCAACCAGAGCAACTGCTGTCACTTGGAGGTGCAGCTGAATTCTTCTAATTGTGA
CACAACTCTTGAACTGTAAATGCTGAAAGATTAAATGAGGTTATAACACTCAGAAGGT
TTTACAAGTAAAAGTAAGTCAAATCAATAGGTCTTTATTTTATATCTGTAATGGTTTAGC

Table 7
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TCTGCGGGAAGTGTTAGCAGCTATATGAATTAGGAAGAATTTAGAAGACAATCCCTAAAC
ACATGAAATGTCCAAGTAAGAAGATAACATATTTATCCAAATATTTAAAGTGAAATGCTC
CAGATATGGGAAGCTTACAGTTTTCAAGCAAAGCTTTTTAGAAAAAATTATGGAACCTATT
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TTCTGTACCT

>SEQUENCE:249:prostate_MPM2000-004P4Novel007_8Table4

ATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCT
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AGTCTCTGCTGCAATTAGTGCTAATTACAATACCTGGGCTATAAAAATAAAAGATTTTCAT
TATAGCAAAGTTCACATATATCGTTTTAGTTCACCTTTATCCACATTTGTTTCATTTAAAT
TATACAATTGTCTTTACATATAACTGTTCTTAGACTTGAAATTTGAGGATATTATGATGA
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>SEQUENCE:250:prostate_MPM2000-004P4Novel007_8Table4

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CAATTAGTGCTAATTACAATACCTGAGCTATAAAAATAAAAGATTTTCATTATAGCAAAGT
TCACAAATATCGTTTTAGTTCAGTTATCCACATTGTTTCATCTAAAATAATACATTTTCTT
TACATATAACTGTCTTAGACTTGTAATTGAGGATATTTGATGAAACAGATCTGTATCTGA
AACAGCACTATGATGCTAAACATTTGCATAAGGAATGAAAAAAGTTAGCAACCTAGTTTT
TTCAATATTCAGATATTTGAGATTACACAGAAACTACATCCAGATGAATGACTGAATTA
TTCACTTTTCTTCTGAGCATTTTGGCATTGGATAGACACAGCATTCAAGTTTAATGCATT
TTAGGAACAGGTTTCAGTTTACATATTTAACGCACATTAAAAAACACAAAGCCAAAAGAA
ATTTCTAATTTAGAAACATATACA

>SEQUENCE:251:prostate_MPM2000-004P4Novel007_8Table4

ATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTC
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AACCTTGTTAATTTTTTTGTTAACTAAATTTTTTTCTTAAAATAAAGACTTTTTTAACAAT
GACTGGCACAGATTACTCATAAAAAGATAGCAAACGGGTGGTTGAAGATAATTTATTTT
AATCGTAATGTATTTTAAGTGTGAATTTAAAAATTTTCATACATTAAATCTATAAATTTCC
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>SEQUENCE:252:prostate_MPM2000-004P4Novel007_8Table4

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TCACTGATCACTACATTTAAAGCAGTCCAATAGTGGAACAGGCTGCCTCACAAATAGTGA
GCTCTCGTTTTCTTACACAGATTCTACTATGGGCCAGGATCTCAGCCAAGCAGTGGAGCCA
GAGGCTGGACAGACACAAGCAGAGATTTTGAAAAAAGACTGAGTCCCTCTCAGCACTTCA
AAGATCCCTTCCAACACCCAAACATCAAAAGCCATGTTATATTGCCAAGCAAGGGTGCCT
ATGAACGCCTGTTGAAACCCCAACAATTTTTTCAGCCAATTATTAAACCCCAAGAG
ACTATCAGGACTTCAGGGCAAACATCCTAGAGATAGCAATGCCCCCAGCAAGAAGAAAAG
AGTTCTCAGTCTGAGAGGCACAACTGTAATCAGTGTAATTAACAGCTTACCCTCACCTC
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GCAGGCTACACT

>SEQUENCE:253:prostate_MPM2000-004P4Novel007_8Table4

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GTCTGAGAGTAGCAGCCACCAAGAAAATATTTTTACCTTTCAGGCCACTTAATTTAGATG
GGTATGGCTCAAGCACCTTCAATTTGAGTAAAGTATATTCCTGAGGTCCAACACCCTCTC
CAGTTTGTCTATCATGATCCATGCAAGGCTGTCCATCTTTCGGAGAGTAAATTGTGTACC
GCTTCCCAAATTTAATTTTGTTCCTTCTTAAATGTTAAAAATTGCCATCTGACAAATG
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CCATTCTTTT

>SEQUENCE:254:prostate_MPM2000-004P4Novel007_8Table4

AGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGC
AGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACCTGGGGTCTCAGGGTTGCTCTGGGC
CTGATCATCCACTCAGATCTGTAAGGAGGATTTGCAGGATCCATTTAGAAAGATCCTCCC
TTACTTCCACAAGCATGGCCTTTGGCTCTTAAATACCTGTGCTGGGGTTTTGTAAATTATA

Table 7
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GAAACAACAGGAACCAAACTCATTATGTTGAGCTACAAACCAGAGGGAAGGCTTCTTT
CTCAAAACAGG

>SEQUENCE:255:prostate_MPM2000-004P4Novel007_8Table4

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GGGCTCTGAAAATGTCTTACTTCCCTCACAGACAAAGCAATTCTCAAGCCTCCTGAGATC
ACCCACCAACCAGAGCAACTGCTGTCACTTGGAGGTGCAGCTGAATTCTTCTAATTGTGA
CACAACTCTTGAACTGTAAATGCTGAAAGATTAAATGAGGTTATAACACTCAGAAGGT
TTTACAAGTAAAAGTAAGTCAAATCAATAGGTCTTTATTTTCATATCTGTAATGGTTTAGC
TCTGCGGGAAGTGTTAGCAGCTATATGAATTAGGAAGAATTTAGAAGACAATCCCTAAAC
ACATGAAATGTCCAAGTAAGAAGATAACATATTTATCCAAATATTTAAAGTGAAATGCTC
CAGATATGGGAAGCTTACAGTTTTCAAGCAAAGCTTTTTAGAAAAAATTATGGAAGTATT
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>SEQUENCE:256:prostate_MPM2000-004P4Novel007_8Table4

TAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTG
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GTGATCAGGACTTGGGTATAGAATTGCTGAATGTTCTACATCGAGTAATTTTAACCAGAG
AATCACCTTCCATTGAGTTGGCTTCACTTGAAAGTGGTAAGGCAGATTATCTGTGCTGCT
CAAGAACATGTGAAGGAAAAAAGACGAAGTGCAGAAGTTGATGATGGGGCTGCTGAAAAG
GAACTCTGCCAGAGTTTGGAGAGGGGAAAGGACACCGGAGGACTTGTGCCTGGAAAGTCT
TTGGTCTTTGCAACACTGGAATTGTGTGTATGCATTCTAGTTAGACAACCTCCCAGAATTA
AACCCTAAATTGACAGGTAGCCCAGGAGTAAAAGCTACGAAGCCACAGATACTAT

>SEQUENCE:257:prostate_MPM2000-004P4Novel007_8Table4

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CCTGCTGCCCCCATGTGCCTTTGTTCTTGGTATGTCAGTGCCATTATACTCCAAATTCTC
CATTTGATGGAGAGAATCTGTCCCTCTGGAATTACGAGATTTATATGCACAGTTTGCAA
TAAAGCATCATAGCCTTTATTTTCTGTATCAAAATCACCTGATCCATAATATGAGTCTT
TGCTTTGGGATACATGTTGTCAATTTGATGAACATTCCTGTCCCCTTCATGGTATTTGAT
AAATTCCTTATCTTCATTGACACCATTCTGAATCTGAAAAGCTCACAGGCTGACCATCAGG
ATAACTCCCAGGAACATGATATAAATTGCTGTGTTCTCTACAATAAAAATTAGTTGCCCA
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>SEQUENCE:258:prostate_MPM2000-004P4Novel007_8Table4

TATTCTACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGG
GAAAGAGGGTCCATCTCTTTGCCAGCGATGTTCAATTTGCAGCATAGTTTGAGAGCAATC
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G

>SEQUENCE:259:prostate_MPM2000-004P4Novel007_8Table4

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ATAGGAGAAAATAAAAACCCAGCCTGGCAAAATAGCTTATCTCCACCAATCAGCAGAAAA
TGGTAAAATAGAGACGCACGTGGCACTAACTAGACAGGAAATCAGAGGTGGGAAGCAAAA
TGCCAGCCTTTATTCTGCTCTCTAAGATGGCTCTGGAAGGTCATGTTCAATTGTCACTGAA
AATGCCTGCAGGGAGCGATATGAAAAGTCATTGTCTCTTCTTTTTTTTCTCCTGCTATT
TTAGCTCTTGCTAGGAAGATCAATTTAGTTAACTGCAGAGAAGGGTTTTTAAATGGT
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>SEQUENCE:261:prostate_MPM2000-004P4Novel007_8Table4

AGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTG
CAGAATTCGCCCTTTGAGCGGCCGCCGCCGGGCAGGTACCATCAAATCAAGTTTCTCTAAA
AATTATGAAATTGGCATATTTTATATTTTGCTAGAGAATGGTGTGAACAAGGCTGATAAT
CAATTAGTTCTTTTTCTTTTTGATTAGTATATATTTTTCACATGATATTAAAGCTACCA
TTAGCTGATTTTATTCTCAATGTGCCTCAATTCTAAGAACCACTGCATTATTTATGAACA

Table 7
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AGAATGTGCAATACCAAGAACCAGCCAATAATTTGAATCTTATATAAACTAAAGATTTCAG
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>SEQUENCE:262:prostate_MPM2000-004P4Novel007_8Table4
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TTACAGAAAACAGCCACAGAATCCCAAGGCATCAGCACCAAGAGAGCCTGTAGAACTAT
CTGGTCTAAGCTCCTGAAGCCCAGAGATAAGAATGACTTAACCCAAGCTGCACAGCCTCT
TAACAGTCCACTGTTAACCCCAGAAACAGATGCATTTGAATCTGAAAGGAGACAGGAATC
CTAATCCTACTGCTCAGGGACTTGCTGATTTACTTTGCTGTCTATTAGCCTTTCTGTGAC
ATGATTTTCTACCAAGCAAAGTCTTTTATTCAAGTCTCCCAGAGATTTCTATTTAAGCG
TTTGCTATTTGGCCACTTAAAAAAGACAGAAGAGAAGTAAACAGAAGCATATACCACACA
ACTCAGTCCAGTCAGTAGTTGACTCTCAAGATGGCGGATGTCACTGAGATGGCTGAGAAA
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>SEQUENCE:263:prostate_MPM2000-004P4Novel007_8Table4
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TATATACTTATAACATTTTGTCTGCTTAATCTACCAAATACTGAGAAATGTAACTAAAT
TTCCTACTTTGGCAGTGGATCTGTTAAGTTTGTATTTTTTGTGTTTGTGTTTGGGGCTT
TTTTTATAGTTCTGTCAATTTTACTTTATAAATTCATAGTTTAGGTAAGTAAAGCAAAT
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>SEQUENCE:264:prostate_MPM2000-004P4Novel007_8Table4
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TGTGACACGTTCTCTAACCCAAATATTGACCTGGATAAATTCAGCCTTGTTCTCATACTG
TTCATAATATTTTCTATCCAGCTGAGTTTTATGCTTTTAACTTTCATCTTTTCAACAAGG
AATAATTCGGGTTTACACACCAGCAGACACAGTGGCTATCATTTTCTGTTCTACACACAAA
TCCCTTACATTGGGAATTCCGATGCTGAGGATCGTGTTTGCAGGCCATGAGCATCTCTCT
TTAATATCTGTACCTCGGCCGCGACACGCTAAGGGCGAATTCCAGCACACTGGCGGCCG
TACTAGTGGATCCGAGCTCGGTACCAAGCTTGGCG
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CTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTTTTTTTTTTTTTTTTTT
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>SEQUENCE:266:prostate_MPM2000-004P4Novel007_8Table4
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ACATTGCTACACTTACAGAGATGCTTTGGGGCCTTTTTGGATTAAGACAGTTCTAAAAGA
CCAGGCCTCACCTATGATCTGTGTATAAAGAATTAGCATCGCACTGTAGATCTGCAAGAG
AAGGCCGCTCCTGCAGTGCTCTCTCTTGGTGAATGCTAACTCTGCTCGAGGGCCTTTTG
GGGAAAGGACAGTGTAACACCCTTAGAGAGGTAAGTTTCCCACCCTTCCAACCTCTCTCC
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>SEQUENCE:267:prostate_MPM2000-004P4Novel007_8Table4
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CCAGAAAGCATCTTAGCAATTTGTGTTTGGATGGTCCATGCCTGACTATTCTAGGCTGGA
GGTTCCTAAAGAGTAACAAGAGGAAGAGAAACAAGAATCTCTGACACTTGTTGAGAATAG
AGCACAGTCCCATTGTTTGAAGAGACACCAGGCAGCCATGTTTATGTGCCAGAAATG
CATTCCACCTCAAGGAGGACTTAATTTATGGACCCGTGTGTGCCAGGCTGAGCTGGGCAA
GATCTTTCTCAGGACAACTCTGCCATGCAGCTAAAAGCCTGGAACTAAGCTCTAGAAC

Table 7
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TAGTGGATCCCCCGGGCTGCAGGAATTCGATATC

>SEQUENCE:268:prostate_MPM2000-004P4Novel007_8Table4

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CTATAGTTATTTTAAAATAGTAATCAATGCTATGTATTTGATGTATATGTTCTAAATTAG
AAATTTCTTTTGGCTTTGTGTTTTTTTTATGTGCGTTAAATATGTAACTGAACCTGTTT
CTAAAATGCATTAACTTAAATGCTGTGTCTATCCAATGCCAAAATGCTCAGAAGAAAAG
TGAATAATTCAGTCATTCATCTGGATGTAGTTTTCTGTGTAATCTCAAATATCTGAATAT
TGAAAAAACTAGGTTGCTAACTNTTTTCATTCTTATGCAAATGTTTAGCATCATAGTGC
TGTTTCAGATACAGATCTGTTTCATCAAATATCCTCAATTACAAGTCTAAGACAGTTATA
TGTAAGAAAATGTATTATTTTAGATGAACAATGTGGATAACTGAACTAAAACGATATTT
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>SEQUENCE:270:prostate_MPM2000-004P4Novel007_8Table4

ATACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGATTAGT
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GAACATACTTTGGCCATTACCCCCAGCTTTGAGGAAAATGGGCTTTGGATGATTATTTTA
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>SEQUENCE:271:prostate_MPM2000-004P4Novel007_8Table4

GCAAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGA
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CGGCCTTTGCTCTTAACTACTGATGTTGTCTTCCTGATCTTTTCTACAAGAAGCTTTTAA
ACTTTTTGGACTTTAACCTACAATAAGAAATCCATTTTACATGTTTACATGTATCTATAA
CAACATTTATATTTCTAAAACAACTTTTCATGAAACAAGATATACCTACATATGTCAGG
CACTCTGATATTTTCTATTCTAGTCCACCTTTTCCATTTTATTCTATTTATGGGAAATAT
ATGTTGGTTGGGAGTCACTGAGTTAATTTAATGACCCACTAATAGGCTGTGAGTGGCATT
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>SEQUENCE:272:prostate_MPM2000-004P4Novel007_8Table4

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ATTCAAAGGTTCTTTTGTAGGCTGTATCCCAAAGAGTAGGGAAAGATCTTTACTTCAT
GTCAGTGGGTGATACCACTATTAAGGTAACCTTGTGTTTTTAAAACAAAATACTTTTATC
ACCCAGAATTACAATTTCTTAAAAATATTGTTATGCTGAATCCCTCAAACAAAATGGTT
TATCAATTTCTTTGGACATAGGTAGCAGGGAAGAAAAACCACTTTAGGTAAAAAATTTA
AATATACTTATGGAGATAAATAACCCAAGATGAGGATTTCTTGAAATATAGGAAATTTAT
TAATTGAATTAATCTTGAAAGTTAAATTATGAATGTGATAAATTCACATTTTAAAGAATT
TTCTCTGTTAATTAGCTCATATGTTCAAATGATATTTGTTAAATAATCTCTTGGAATTC
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>SEQUENCE:273:prostate_MPM2000-004P4Novel007_8Table4

GCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGA
ATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACTGTAACACGGGAGAGCTGTCAAGGAA
GTTCCATTTTCAGGGCAAGCACAGGAAAACACTCCTCTCCGTGGATCAAAGAAGTCAGCCC
AAGGAACAAATCTCTCCACACTTTGGCTGGGTGGGCTGATTTACCTGCGAAAGTAATTC
TGTGTGTCCCTGCTTAGAATCCAGGGTTTTGTGAATGAGAACTATCATTCAATCTCACCA
GGCAGAACTATTCCTCAAGGGCTGTATGACGTCTGTAAGAAGGCAGTTCAAACACCCG
AAGGCAGTGAGAAA

>SEQUENCE:274:prostate_MPM2000-004P4Novel007_8Table4

TACGACTCACTATAGGGCGAATGGNGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGT
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AGGAAGCTTTAGTAATGAAAGGATTGCTGCCAAAATCCTGTTTCCCCCTTGCAAGATCTTA
CAGAAAACAGCCACAGAATCCCAAGGCATCAGCACCAAGAGAGCCTGTAGAACTATCTG
GTCTAAGCTCCTGAAGCCCAGAGATAAGAATGACTTAACCCAAGCTGCACAGCCTCTTAA
CAGTCCACTGTTAACCCCAGAAACAGATGCATTTGAATCTGAAAGGAGACAGGAATCCTA
ATCCTACTGCTCAGGGACTTGCTGATTTACTTTGCTGTCTATTAGCCTTTCTGTGACATG
ATTTTCTACCAAGCAAAGTCTTTTATTCAAGTCTCCAGAGATTTTCTATNTAAGCGTTT
GCTATTTGGCCACTTAAAAAAGACAGAAGAGAAGTAAACAGAAGCATATACCACACAAC

Table 7
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CAGTCCAGTCAGTAGTTGACTCTCAAGATGGCGGATGTCACTGAGATGGCTGAGAAATAG
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>SEQUENCE:275:prostate_MPM2000-004P4Novel007_8Table4

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ATTCGGCCATCTTGAACCGGCACACACCAATTTTTAGAACAGAAACAGGATCACAAATC
TACATATTGTCTTAACACATATTTAATCATAGATAACAGTATATCTATTCAACACAAAA
AGTTAATTCTGAAAATCTGCATCTTCATCTTACATAAAACATTTAACTTCCCAGAACAA
TTGGGAATATTAATGTTTCATTTATTCAATTTATTATTAATTAATCAGGGTCCTATTAG
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ATAGGCTAGAAAGAAAGAGAATTTAAGGAATGTAGGAAAAGCAGATATT

>SEQUENCE:276:prostate_MPM2000-004P4Novel007_8Table4

TGTCACTACTTAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGA
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CTCAGCAGGAGACAAAGGATTCCAAAAAGAGATGTGGAGGTGCTGAGGGCACCTCTATCT
CTTTGTTGTTTAGTCTGTCAATTGAATCAATCTACTTATCATCTTGGGTCTTTGAGTATTG
TATGAAAGATCCTTCGTGCACACCACACACAGTCATGATTTTGTTAAAGTAGCCTTCTTC
AAATGCTTTTCTAAGGGCTAGTCACCAACTTTATTTCTGTGTTTCTGTACAAGAAACATT
TTCAGTTCTTCATTGAGTTTGATTATGGAAATCCATTAAGAACTCTATGAAAATTTTAC
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>SEQUENCE:277:prostate_MPM2000-004P4Novel007_8Table4

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GTGCTAATTAGTGCACTTATTATCTACTTTAAGCCAGAGTATAAAATAGCCGACCCAATC
TGCACATTCATCTTTTCCATCCTGGTCTTGGCCAGCACCATCACTATCTTAAAGGACGCT
CTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCG
ACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGC
TTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATTCCA
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>SEQUENCE:278:prostate_MPM2000-004P4Novel007_8Table4

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CTACCTGTCAACGGTTTGTGGAGAAGTACCTCGGCCGCGACACGCTAAGGGCGAATTCC
AGCACACTGGCGGCCGTTACTAGTGGATCCGAGCTCGGTACCAAGCTTGGCGTAATCATG
GTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATTCCACACAACATACGAGC
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GCGTTGCGCT

>SEQUENCE:279:prostate_MPM2000-004P4Novel007_8Table4

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CATGTCTTATCTTCTAATTATGCTTTGTAGTCCAGCTAAATTACATCTNCTTGACATTTT
GGAATGTTCCCATCTTTACACCTGTCTTCAAATTGTTTATTCCACATGGAATATTCTTTT
CCCCTTATCTCCAATTAGAGTATATGGAGTTTGGGGAAGAATCATGTGCTTCACTGTGGC
ACGAGGGACAGAGTGAGAAGGTGGACAGGAGCCAGATAATTGGAGAGACTTTTACATAA
TGCTAATTNTAGGAGTTTGCAATTAACACTGTGGATTTGATGAAAACAGTGGAGGTTTTA
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>SEQUENCE:280:prostate_MPM2000-004P4Novel007_8Table4

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GAAATAAATCAGTCATATTTGAGTGAAATGAAACCTTTCCGAGTAGTTTCAGACAATTGA
TAATACCTAGTTTACAGTTCCTGTAGTCATTTTGGAGGGTGAGGACTTGATGTGTTTAGT
AAAGTTGAGAAATAAATACATGAAAGAATGTGTGGGGAAGAGAAATTGTGGGGAAGAGAA
ATTGTCTCAGAGGACCATTCTTAGTGGCACTGGGGAAATCTTGGCACCCAGAAGAATTCA
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Table 7
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>SEQUENCE:281:prostate_MPM2000-004P4Novel007_8Table4

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GAAAAATTCTATTCTTGTGAAATATTTAGTCCAAAACATTTTACAAGAAAGTAGGAAGTC
TACAAAGAAACAACACTGAACAAAGTGAACCCAAAGGCTCCCATCCCTGGAGATTTCACT
CCTGCTTTTCTTATGGATCAAATTTCTCCATTTTATTTAAATTAATCATTTAAAAAAAC
AAAATTTCCAAAATCGATAATCATGCAGTTTATAACACAGTGACATTTCAAACTTATCC
AGTAACCACACATAAAGCACTCATAACATCTCAGCACCTTTTAGGGGAAAAAAAAGACA
AACCTCTGAACACAGTGATGAAAACAGCTGAGCGAAAAGTACCTGCCCGGGCGGCCGCTC
GAAAGGGCGAATTCTGCAGATATCCATCACACTGGCGGCCGCTCGAGCATGCATCTAGAG
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>SEQUENCE:282:prostate_MPM2000-004P4Novel007_8Table4

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CACAGTGAGAAGGAAAGAGGCCCTCACCCAGAACCTGACCATGCTGGCACCGTTGATTGC
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GTTCTGTGGTGTGTTTTATGGCATGCACAAGGGTAACTCCAGGATGATGCTTTTTTACC
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>SEQUENCE:283:prostate_MPM2000-004P4Novel007_8Table4

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GTATGTGGTTGTGATTTTTTTTACCTCTATTGTGAATCTTTTTCACTGCAAGAGTAAC
AGGATTTGTAGCCTTGCTGCTTCTTGCTAAGAGAAAGAAAAACAAATCAGAGGGCATTAA
ATGTTTTGTATGTTACATGATTTAGAAAAAGGTGATGCATCCTCCTCACATAAGCATCCA
TATGGCTTCGTCAAGGGAGGTGAACATTGTTGCTGAGTTAAATTCAGGGTCTCAGATGG
TTAGGACAAAGTGGATGGATGCCGGGAAGTTTAACTGAGCCTTAGGATCCAATGAGTGG
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>SEQUENCE:284:prostate_MPM2000-004P4Novel007_8Table4

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ATTTGAACTTGGCCATCTGTGGGTGCTACTCTCGTAAGACTAAAAGGCACCTACTAAATA
CGAACAAGGATAACCAGTTCTACCAAAAACATTACCAACCAACCTCCCCTGTTCTTTTT
TCAGACTTTCTTTTTGCTTTCAACCTCTTAACTGTAAAGGAGAGATTTAATGTTTCCCT
ATTATTCTGCTTTGACTCACATACTAAAATGACCACATGGCACTCCATTGAATCTTTTCA
GTTGTTACGAATTAATAAATGCCCATGTTTTACAGTTTTTTCGAGTAGTCTCAGCAATG
GATCTGTAGTTTCAGGACCTGTTTTTAAAAGATCAAGATACTTTTATGTGTTTCAGAAGT
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>SEQUENCE:285:prostate_MPM2000-004P4Novel007_8Table4

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TGATCAGCACTGTGAGGAAGTTGGTGGGAAAAGGGCCCTGTTAAGAACAACAATGGGC
AGAAGGAAGCACATTGCAATAAATTTCCCAGAGAGAGTTCTTTACATTCCATTACCA
AAAACCTCTCTGGAAGTGTGAGGTTGAGAATATCAACCAAGACCATATCATTTAGAATTC
ATTGGCATGTAGAGGTGACTCGATTCTAAAAGAAGCCTCTCTCCCATGAACCACGATGT
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>SEQUENCE:286:prostate_MPM2000-004P4Novel007_8Table4

ACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTGCGCGGGGAGAATCAA
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TGAGAAGTGCTTTTAGAAACATCCATGCAGGTATGAAGGAGCTCTAACATGCCAGGCGAG
TGGACAAGGCTTGGGGAAGGTTGACGATACCTAGAGACATGTCATCCTTTGGGTCAGAGC
CTGCCTAATCTCATGGGGAAGTATGGGTGGAATAGGCACTCTAGGCTCCCCCTGGCATG

Table 7
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GGCAGGGTCGCAGAGAATTCACAAATTTGTGTGTGTTACGGAGGGGAGGCCAAGCTTCT
GACTGCTGAAGTTAGGGTCAGAATGGAGAGGCAAGCATGTGTGTGAGGGACTCTGAGATG
GGAGGCTGACAA

>SEQUENCE:287:prostate_MPM2000-004P4Novel007_8Table4

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGGCAGGTACGAGAC
C

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CTGGTCTATTCTGTGAAGCTTGGGGTGGAAGCAACTGTCTGGAGCTGGCGGTGGAGGCC
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>SEQUENCE:288:prostate_MPM2000-004P4Novel007_8Table4

ACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGG
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>SEQUENCE:289:prostate_MPM2000-004P4Novel007_8Table4

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GAGTCCCTTCACCCTAGAGAAAAGCATCCACGTTGGGCACCAGATGGAGTGGCCTGCGCC
TCCACAGCTGTGGGCATTTCTCCTCAGGTGGAACGAGAGAC TGAGAAAAGAAAGACAAC
AGAGACAAAGTATAGAGAAAGAAAAGTGGGCCAGGGGACCGGCGCTCAGCATATGGAGG
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>SEQUENCE:291:prostate_MPM2000-004P4Novel007_8Table4

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AGCCAGAGTTTTAGTTTCATAATATCGTTCCATTGCCTGACAAAGATATACACACTGAAG
TGCTTTAGCAGACCTGGGACCGTCAAGAATCTTGTTACCCTGATTATTGCAAGATGACA
TATTTCTTAAGCCATTTATAATCTCATATTCGGGTTGAATCTGAATTTACAAATAAAAGG
GTAAATTGAGGCAGTTTCAAGCAGCATTTAGGAAAATGAAGTGGCTTCAAATTTTAGTG
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>SEQUENCE:292:prostate_MPM2000-004P4Novel007_8Table4

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TGACAGCACAGGCAAAGTTTCCTATGACTAGGGATCACTGTCCACACAGAGTCTGGCTTC
CCAGGTATCCAGCAGGTAGACAAAACAGCTAACTCCACTGCCACTCCTTTCTCCACATCC
GTTCTTATTCTCAGCCATCTCAGTGACATCCGCCATCTTGAGAGTCAACTACTGACTGG
ACTGAGTTGTGTGGTATATGCTTCTGTTTACTTCTCTTCTGTCTTTTTTAAGTGGCCAA
TAGCAAACGCTTAAATAGGAAATCTCTGGGAGACTTGAATAAAAGACTTTGCTTGGTAGA
AAATCATGTACAGAAAGGCTAATAGACAGCAAAGTAAATCAGCAAGTCCCTGAGCAGTA
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>SEQUENCE:293:prostate_MPM2000-004P4Novel007_8Table4

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CTGGAGGATTCTTGAAGTAATGACAGACTCGTCTGCTGCAAGTGAAGTGGTTGGCTTCAGT
AGAGTCATTGCTTCCTATTACTGCTGTGATCCCTGCGCCTGCCTTTCTTCTGCTGGCTCA
CCTCCTTGTTGAAGACAAAGGACAAAATCTTCACCAAATACTCAAGGTCACTACAGAATT
AGCCCAAGCAGATTCCTCCAGGTGCCAAATCTGATTCCAGTTTTGATGTTCAAATTGGG
AAGACCACTGGAACCTATATTATATAATGATATATTGTATACTTTACCTAAGCTTGGTGT
TCACAAGGTGTGTATAGGACAAATTCTACGAATAATACTACTTTGGAACCAACACACG
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>SEQUENCE:294:prostate_MPM2000-004P4Novel007_8Table4

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TCATTCATTCTGTGTTAAGCCAAGATCCTGGATCTTCTATCATTAATGTTAAGAGGAAACA
TGAATTACAACTATATTGTATGACTGCCATATTTTATTGAACTAAGGTCAATGTTGAAC
CATATCTTGATTTGAGAATTTAAATGTGTTACCTTAGAAATAATGAAATATAGTGTAAC
AGTTGGTTTCTAAATGTGGTTTTATTTACAGGGGCCATTATTTAACCTGTGTGTATGCTAT

Table 7
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GATGGAGTTCTTTTGTGATTTCTTTACTTCTAAATTTAAATAGTAATTATGTTTAAAAAC
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TCATACACAAATATATT
>SEQUENCE:295:prostate_MPM2000-004P4Novel007_8Table4
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AGGCTGTGTGACCCCTCATCACTTAGCCAGGCGTATGGTCCTGGTTTCTGAGGCTGCAG
AAAGCATCTTAGCAATTTGTGTTTGGATGGTCCATGCCTGACTATTCTAGGCTGGAGGTT
CCTAAAGAGTAACAAGAGGAAGAGAAACAAGAATCTCTGACACTTGTGAGAATAGAGCA
CAGTCCCATTGTTTGAAGAGAGACACCAGGTAGCCATGTTTATGTGCCAGAAATGCATT
CCACCTCAAGGAGGACTTAATTTATGGACCCGTGTGTGCCAGGCTGAGCTGGGCAAGATC
TTTCTCAGGACAACTCTGCCATGCAGCTAAAAGCCTGGAACTAAAGGATTTTCATGTAG
TAACTATCTTCCAACCCCTGTAGGCATCAGACCACAGGATGAGGTTTCAGAAGGTCATA
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>SEQUENCE:297:prostate_MPM2000-004P4Novel007_8Table4
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TTGCTTGTTTTGCTTCTACTAAATGGTTCTAGGTGCTGTGTGGACAGGTGATACAAAAG
CCTGACTCACACGGGTGACATTAATTCATTCCATTTTCATTTCTCTTTGAGTGATCCTGA
CAAGCAGAGGGTCTCAGGTGGATATTACTGTGTCTTTGAGACCTCTCTAATCCTTATCTA
TCTCTCATTTTAATACAGAGAGTTTCATACGCAGACCTTAAGTAGACATAGTATCCAGCT
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TCCAACCTCTAGCAAGCACAGCTCTTGGGCAGAAAATATTGGCAAAGAATATCCACATGGG
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>SEQUENCE:299:prostate_MPM2000-004P4Novel007_8Table4
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TGTGACCCCTCATCACTTAGCCAGGCGTATGGTCCTGGTTTCTGAGGCTGCCAGAAAGC
ATCTTAGCAATTTGTGTTTGGATGGTCCATGCCTGACTATTCTAGGCTGGAGGTTCTCTAA
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>SEQUENCE:300:prostate_MPM2000-004P4Novel007_8Table4
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GACCAGAATGCTATCACTCTCAGGAATGAAATCATTAGAGCATAGCTGCATCGGGGGCA
TGACCAGCACTATCCTCTCCCTGACCGCATTCCCTGACCTGGCTGCACAACCCACTTGAT
CGAGGTTAATGCAAGCCATCTTTCTCCTGAAGACAGTCACTCCCTTTGGGCACATTTAAA
TTAAAGCACCTATCAGAATACAAGTCCAGAGGCCCTGGCCCATCCGTACAGTGTATAGA
ACGGTCTCTTTCTACAGAGTAAGAGTGACCCTATCCTGGTGCCTTTAAATCTAAAACTA
TTCAGTTCTTTGGTGGGCAATCT
>SEQUENCE:301:prostate_MPM2000-004P4Novel007_8Table4

Table 7
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GCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGA
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GCCCAGCTCATTGTTTGTATTTTAGTAGAGACAGGGTTTCACCATGTTGGCCAGGATGAT
CTTGATCTCTTGACCTCATGATCCGCCCTCTTGGCCTCCCAAAGTGCTGGGATCACAGG
CGTGAGCCACCACACCTGGCCCTCTATTTATTCTCTTTAAAGAGAGAGAAAATGAGA
GGCCAAAATTATTTAATTAAATCTTTACCTTAGCACAAGGGAAAAAATGGAATTTGCCTA
ATATAGGTGATGAAGCATACACAATGAACAGAAACAATCACATTTTAGTAAAAGGCAAAA
ATTTGAGACTTATAAGCTATATGGTA

>SEQUENCE:302:prostate_MPM2000-004P4Novel007_8Table4

GGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAG
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CTATAGTTATTTTAAAATAGTAATCAATGCTATGTATTTGATGTATATGTTCTAAATTAG
AAATTTCTTTTGGCTTTGTGTTTTTTTTATGTGCGTTAAATATGTAACTGAACCTGTTT
CTAAAATGCATTAACTTAAATGCTGTGTCTATCCAATGCCAAAATGCTCAGAAGAAAAG
TGAATAATTCAGTCATTCATCTGGATGTAGTTTTCTGTGTAATCTCAAATATCTGAATAT
TGAAAAAACTAGGTTGCTAACTNTTTTCATTCCTTATGCAAATGTTTAGCATCATAGTGC
TGTTTCAGATACAGATCTGTTTCATCAAATATCCTCAATTACAAGTCTAAGACAGTTATA
TGTAAGAAAATGTATTATTTTAGATGAACAATGTGGATAACTGAACTAAAACGATATTT
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>SEQUENCE:303:prostate_MPM2000-004P4Novel007_8Table4

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GAGGTACCCCACTGCAGCCAGGACCAGAATGCTATCACTCTCAGGAATGAGATCATTAG
AGCATAGCTGCATCGGGGGCATGACCAGCACTATCCTCTCCCTGACCGCATTCCCTGACC
TGGCTGCACAACCCACTTGATCGAGGTTAATGCAAGCCATCTTTCTCCTGAAGACAGTCA
CTCCCTTTGGGCACATTTAAATTAAGCACCTATCAGAATGCAAGTCCAGAGGCCCTGGC
CCATCCGTCACAGTGTATAGAACGGTCTCTTTCTACAGAGTAAGAGTGACCCTATCCTGG
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>SEQUENCE:304:prostate_MPM2000-004P4Novel007_8Table4

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ATGAGCAACTCTTAAAGTGAAAAATCTCATCAATACAACTGAGTATACTGCCATTGAT
CAACTGCTCTTAAATACTTAGATAAAAATCACCGCTGTAGGAAAAAGCAAAACAAAATA
ATGATTGAAGCGTGTTTTGCTCTGGGATGCTTACATTTGACGATTCCTGTCATACGCTGT
GTAAGTTCATACCTAGTGCTCAATCGTATTTTATTACCAGACTGCTGTATAATTAGAGGG
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>SEQUENCE:305:prostate_MPM2000-004P4Novel007_8Table4

CTATACGGCGAATTGGATCTCCACCGCGGTGGCGGGCCGCCCGGGCAGGTACAGTGAAAAG
AGCCAAGGCTGTGTGACCCCTCATCACTTAGCCAGGCGTATGGTCCTGGTTTCTGAGGC
TGCCAGAAAGCATCTTAGCAATTTGTGTTTGGATGGTCCATGCCTGACTATTCTAGGCTG
GAGGTTCTTAAAGAGTAACAAGAGGAAGAGAAACAAGAATCTCTGACACTTGTTGAGAAT
AGAGCACAGTCCCATTTGTTTGAAAAGAGACACCAGGCAGCCATGTTTATGTGCCAGAAA
TGCATTCCACCTCAAGGAGGACTTAATTTATGGACCCGTGTGTGCCAGGCTGAGCTGGGC
AAGATCTTTCTCAGGACAACTCTGCCATGCAGCTAAAAGTCTGGAACTAAAGGATTTC
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>SEQUENCE:306:prostate_MPM2000-004P4Novel007_8Table4

TATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATC
TGCAGAATTCGCCCTTAGCGGGGTTCGCGGCCGAGGTACCCAGTGGAATCTATCAACAGG
CATTGAGCAATAGGCACACGGTAAACGGCAGCTGTTGTTATTGGTTTGCAAGGCCTTTTA
TTAATTTTACCATAAACCACAAGATGGAAAAGACAATAACAGACACAGTTAAGTTCC
AGAAGACTTCTGGACTTCAAATGATGGACTAAAACCAGCATAAATTTACATAAAAAGAAA
CGAAATACCTACATATTTTCATAACTCAATGAGCCTAATGCATGATAGAAGGGACTTGTT
TTTATGGCAATTAATATGAGGAAGAGCAGGGAGTTTTTTGCTGAGAACAAGATCAGTGTG

Table 7
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AGTCAGTGGGATGGCCTTGTTACTTAAAGAAAACATAGGCTGCATT

>SEQUENCE:307:prostate_MPM2000-004P4Novel007_8Table4

ACACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGAT
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GTTGCCCTTTGGGGTTCCTGTTTCAACAGCATGGTGTGAAGCGCTGCATCAACCTTCTCTG
CCTCATCCTGCAAGGTGGCAAATTCCTCAAGAATATGACCAAGCTTATCTCTCTGTGCGAG
CCCTGTTATGTCCATGGATCTGAATAAGACTACAGAATGGCCGAACACAGTGAGTAACAA
AGGAGTCGATACAGTCCTTAGCCTGGTGATTATTATATAGGTAGCACTTGGGGGAAAGCA
CCGGAGGACTGACAAAAGACCGAAGTGCATCTTTCACCATGTCTTGCATGAGATGAGTTC
CAAAGACCTTTTTGTTATC

>SEQUENCE:308:prostate_MPM2000-004P4Novel007_8Table4

ATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTC
GCCCTTAGCGTGGTTTCGGCCGAGGTACCAGCTGGAGACTGGCCTTACCCGCCACCCCGA
GGAGAAGCCTGTGAGGAAGGACAAGCGGGATGAGTTGGTGGAAGCCATTGAATCAGCCTT
GGAGACCCTGAACAATCCTGCAGAGAACAGCCCCAATCACCGTCCTTACACGGCCTCTGA
TTTCATAGAAGGGATCTACCGAACAGAAAGGGACAAAGGGACATTGTATGAGCTCACCTT
CAAGGGGACCACAAACACGAATTCAAACGGCTCATCTTATTTTCGACCATTTCGGCCCCATC
ATGAAAGTGAAAAATGAAAAGCTCAACATGGCCAACACGCTTATCAATGTTATCGTGCCT
CTAACAAAAAGG

>SEQUENCE:309:prostate_MPM2000-004P4Novel007_8Table4

ACGACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGA
TGGATATCTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACAGTGAAAAGAGCCA
AGGCTGTGTGACCCCTCATCACTTAGCCAGGCGTATGGTCCTGGTTTCTGAGGCTGCAG
AAAGCATCTTAGCAATTTGTGTTTGGATGGTCCATGCCTGACTATTCTAGGCTGGAGGTT
CCTAAAGAGTAACAAGAGGAAGAGAAACAAGAATCTCTGACACTTGTTGAGAATAGAGCA
CAGTCCCATTTGTTTGAAAAGAGACACCAGGTAGCCATGTTTATGTGCCAGAAATGCATT
CCACCTCAAGGAGGACTTAATTTATGGACCCGTGTGTGCCAGGCTGAGCTGGGCAAGATC
TTTCTCAGGACAACTCTGCCATGCAGCTAAAAGCCTGGAACTAAAGGATTTTCATGTAG
TAACTATCTTCCAACCCCTGTAGGCATCAGACCACAGGATGAGGTTTCAGAAGGTCATA
AGGCAGAATAGTTAAGCCTACAGGGCTTACAGTCTGACAGACCTGGGTTTCAGTTCTTGGG
TCTTCATCACTAGTTTTGTGACTTCGGGAAGATGACTCCCCGAG

>SEQUENCE:310:prostate_MPM2000-004P4Novel007_8Table4

TACGACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG
ATGGATATCTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACTTTAATTAGTTAA
TAGAAACCACTGTAAATGAGTTATCTATCTCCAGAACATTCTCAGAGAATTTACACGAAC
TAAACAGGAATGAAGTGCTCTCAGAGACTTTTTCTCAGGTAAATGTATTTAGTAGTTTG
AGTAGTTGATCTGCAAAAACTTTAACTTTAATTAACATAGATGAATATTTTTTTATTT
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>SEQUENCE:311:prostate_MPM2000-004P4Novel007_8Table4

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GTGTCAGGTGCAAAGTCACTCATTCTGAGAAATTTTACTTCTGTAGCCATTCAGATTAA
TTTTTTAAATAGGGAGTTGAACTCAGCTTGAAATTGAAGGCTTCCTATAATCTGATCCT
AATGCATCTTCTCTGAGCTTTGCTTCTGGCAATTCACATTATATTATCTATATGAGTAAG
CCAACTTGTCTATTCACTATTCCAGGAATAAGTGATATACTCGTGTACCTCAATTAATT
TTAATGCAAACCTCTCTCCCTTCTACTTACGGAAATTATAATGGGTTTTTAGGGTTCATA
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>SEQUENCE:312:prostate_MPM2000-004P4Novel007_8Table4

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AACTGATATTATATACAATTAATTTAAAATTATAGTTTTACTCTGTTTATTTACAAATT
TGCTAGATAAAACATAATCTCAGAAAAAAAGTGTTTCTTTTTGTTGCTTCTGCACTATAG
TAAATATCTAGATATCTATAACAGGCATATAATATAGTATATATATAGGGAATCCTAGTG
AAGAGTATAGCAGTTATAGAAATATATATGGAGAGAAATCTTATAAAATGGTTATGTTCT
AAGTATCCATAATGAAATCCTATAAATTTTATTGCAGGAGAGACAATGAAAAGTGTCAG

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TGTGTGATGATACTAAACTTTTTATTTCCATTTTGTCACTTCTAAAACACATTTTTGAAGC
ATTTTAAAGACCTCTGAAATGACAATGCATCTTATAATCAATGGTGTGTCAAACCATTG
GAACAATTTTTTCA

>SEQUENCE:313:prostate_MPM2000-004P4Novel007_8Table4

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CTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACTGGAAGAGTTTTTGAAGATTG
AATATTGATACTTAAATTATTTCTGAAGCTCTTCAATAAAGTTTTCTAATTATAAAAACT
CCACATAATTTGGTTCAAGCCAAGAAACAAAGTCATTTTACTCTAAGATTTATTCTCTAA
ATATAGTAATGAGATCTGTAAAGTCTGTGTTTTGCTAATTAAGAGTAAATCTGCGTAT
TTTCTGCAGACTGCTTTCTTTGAATCTGTTTCTAAACCACAACCTTGATAAGTTTTTATGG
GTAAGTGGGAATATGGTCAACACTGAGTTTTCCAAGGGTTCCATCCAGGAGTATTTCAAT
TTAGGATGCTGTTTGGACACAGGGTT

>SEQUENCE:314:prostate_MPM2000-004P4Novel007_8Table4

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CCAGGATGATCTTGATCTCTTGACCTCATGATCCGCCCCGTCTTGGCCTCCCAAAGTGCTG
GGATCACAGGCGTGAGCCACCACACCTGGCCCTCTATTTATTCTCTTTAAAGAGAGAGAA
AACTATGAGAGGCCAAAATTATTTAATTAATCTTTACCTTAGCACAAGGGAAAAAATG
GAATTTGCCTAATATAGGTGATGAAACATACACAATGAATAGAAACAATCACATTTTAGT
AAAAGGCAAAAATTTGAGACTTATAAGCTATATGGTAGCTTATTTTTGGGTGGGGAAGAA
AT

>SEQUENCE:315:prostate_MPM2000-004P4Novel007_8Table4

TGTGATGGTTATCTGCAGAATATGCTCCTTAGCGTGTTTCGCGGCCGAGGTACAAGGACAC
TAAGACAGTGTAGCCTGCTGACTTGAGAATGTTCTGTAAGGACTGGAAACACTAGAATCT
TGAAGAAACGCCTGGCTAGAGGTGAGGGTAAGCTGTTAATTACACTGATTACAGTTTGTG
CCTCTCAGACTGAGAACTCTTTTCTTCTTGCTGGGGGCATTGCTATCTCTAGGATGTTAG
CCCTGAAGTCCTGATAGTCTCTTTGGG

>SEQUENCE:317:prostate_MPM2000-004P4Novel007_8Table4

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GAAAGGAAGCTTTAGTAATGAAAGGATTGCTGCCAAAATCCTGTTTCCCCCTTGCAATC
TTACAGAAAACAGCCACAGAATCCCAAGGCATCAGCACCAAGAGAGCCTGTAGAACTAT
CTGGTCTAAGCTCCTGAAGCCCAGAGATAAGAATGACTTAACCCAAGCTGCACAGCCTCT
TAACAGTCCACTGTTAACCCCAGAAACAGATGCATTTGAATCTGAAAGGAGACAGGAATC
CTAATCCTACTGCTCAGGGACTTGCTGATTTACTTTGCTGTCTATTAGCCTTTCTGTGAC
ATGATTTTCTACCAAGCAAAGTCTTTTATTCAAGTCTCCAGAGATTTCTATTAAAGCG
TTTGCTATTTGGCCACTTAAAAAAGACAGAAGAGAAGTAAACAGAAGCATATACCACACA
ACTCAGTCCAGTCAGTAGTTGACTCTCAAGATGGCGGATGTCACTGAGATGGCTGAGAAA
TAGGAACGGATGTGGAGAAAGGAGTGGCAGTGGAGTTAGCTGTTTTGTCTACCTGCTGGA
TA

>SEQUENCE:318:prostate_MPM2000-004P4Novel007_8Table4

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GGTCGCGGCCGAGGTACAGAGAGGGGCTCGCTGCGCTGGGTAGAGGAAGCAGGAAGTTT
G

CTGAACTCAGACGGAAGAAAAAGGATTCCTTGGAGAATCCCAGCAGGTTTCTGATTGGAC
ATGGGTCCATGTCCTTGCGAAGTCTCCTCCTCCTGAACCTGCCCTGCTCTGAGACTGGCT
TTTGACCACCAGCATGCTGCAGACGTGATGCCGTGTGACTTCTGAGCGGGTCATAAGAAG
CCTTGCAGTGTGGCCTGTGTCTTACGAATGCTTGCATGAGGAAAACCACTGTCATGTAA
GAAGTATGGCTACCCTGAGACTGTCATGGTGTGAGGACTCCTAAATGAGTCACATGTGGA
TGGCCACCTATTGAGGCTCAATTCTTCCACCCATTGCGACTGTGGCCACGCATGTGGG
GGAAGAGGCCATTCTTACGCC

>SEQUENCE:319:prostate_MPM2000-004P4Novel007_8Table4

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TTCATAGAAACAATCTCCTTATGTTGCCAGGCTTAAACTTTTTAAGAAGTTTCTCCTC
TTTTTC

>SEQUENCE:320:prostate_MPM2000-004P4Novel007_8Table4

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CTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGA
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GCTGGTGTAGAAAAACCAGTTAGCCATAGAACTGACATCACGCAGAGAGCCCCGACTCCC
TGATTAGCCCACCCCAACTCAAAATCTGACTCCAGGGATGTTTTGTTGAAAATGTTATTT
CTCTAAACAGTATTTCTTTCTCTCTCTGGGGGACTAGGAGGGCAGGAGACAATGAGGA
GCAGGCCTGGGCCCTGGTTCCAACATCAAGAGTGACAGGGTGGTCTCAGGGATGTCCTG
TGAGGGCAGCCTGAGCCACTAACAGGTCCAGTAGAGATGGTATTTTATCTTTAAAAAAT
CTGTAT

>SEQUENCE:321:prostate_MPM2000-004P4Novel007_8Table4

ACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCCAGCCGCCGCCAGGGTGTG
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TTCCTCATCACTGAAAACACGCTCATCTGAAATCTCTGTAAAAAAGGATTTGGCTGTTGA
AACTTGTTATCAATGCCTCTTCTCGTAGCCACCATGACAATAAATTTGGCTAACATTTA
AATTTACCCTCAGTTTTGGTTTTCTTTAAAAAATATGTAAACAAATGAACAGGAAATC
TCTGCTTGTAAGAAAAATCTGAATATAACAGGGGAAGGTCAGCAGACGGTCACCGGGGAA
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>SEQUENCE:322:prostate_MPM2000-004P4Novel007_8Table4

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AATAGCTTTATGAATGTGCATTTGGAATCAAAACCAGTTATATGTGATAGTAGAAATTTG
ACAGATCACTCAAAATTTGCATGTGAAGAATATAAGCAGAGCATCGGTAGCACTAGTTCA
GCTTCTGTTAATCATTTTGATGATTTATATCAACCTATTGGGAGTTCGGGTATTGCTTCA
TCTCTTCAGAGTCTTCCACCAGGAATAAAGGTGGACAGTCTAACTCTCTTGAAATGCGGA
GAGAACACATCTCCAGTTCTGGATGCAGTGCTAAAGAGTAAAAAAGTTTCAGAGTTTTTA
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GGATTTGC

>SEQUENCE:323:prostate_MPM2000-004P4Novel007_8Table4

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CTAAAAACAGCTCCTGGAAGAGGACTATGACATCATCAGGTTGGGAGTCTCCAGGGACAG
CGGACCCTTTGGAAAAGGACTAGAAAGTGTGAAATCTATTAGTCTTCGATATGAAATCCT
CTGTCTCCGTAAAAGCATTTTCATATTTACAAGACACAGGCCTACTCCTAGGGCAGCAAAA
AGTGGCAACAGGCAAGCAGAGGGGAAAAGAGATCATGAGGCATTTTCAGAGTGCCTGGCTT
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>SEQUENCE:324:prostate_MPM2000-004P4Novel007_8Table4

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AACCAATGTATTTTAAAGAAAGCAAAAGCTAAGTATTTGAAAACGTTATCTTTCTTCTAA
CACTTGCTGTGAAAAGGGAGTAAATTCAGGCAAGCTAGTTGAAAACATTCTTTAAATGG
CCAGTAAAAGCAAACTCTTTGTGCTATACGGAACACTCGGGAGTATTACAAAACCAGGG
AGGGAGTAAAAGAATGGCCATTTCTCTATAACCAAAATTGAAGACAGTAAAGTAGAAAATG
TAATTTCCATTGTGCACCAAAATACTCAGAACACAAATTAAAGCAAAAACAAAATGGATGT
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CAATCTGCCCTCTGAATGGATTATGAAAGATCAGTATGTACC

>SEQUENCE:325:prostate_MPM2000-004P4Novel007_8Table4

CTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGA
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GGCAAGCCCTAACTATTACAGGTTCCCATACAACTCCTTCCCCAGTAGGTAAATTTAGA
ACTTATGAATAAGGAAAATAAGTCTCTAGCTTCTGCTTTTACTGAAGGAAGCCAAACATA
GCCGCTAATACTATTCACTCCTTATTTCAAAGAGTGAATTGAAAAGAAAATAAGTTATT
TACTCCATTGCTATACTCTGAACTTCTATAAATGGGTGCTAGAAAATCTTAATACATTAG
TATTTAGCCATACTTTGTATTTATTTAATGAAGTGAACACATCTTGCAAGCATTCTCC
CTCTCTAGCTCACTTTGGCATTGAGT

>SEQUENCE:326:prostate_MPM2000-004P4Novel007_8Table4

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CGAATTGCGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAA
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TCAGAGAAGACTTCATAGGAGACTCATTATTGTTTACTGGACATCAGGTGCTATATTGTA
TAGCATTACATTCCACAGGTGAGGAAACAGGCTCAGAGGAATAAGTGGCATGCCAAGAT
CATTGAGTATATCAGTAGCAGAATTAGGATTCAGACTTTGTTAGGCCTAACTCCAAAGCC
CTGGCTTTTTTTTTTTGAGATGGAATCTTACTCTGTACCCGGGCTGGAGTGCAGTGGCAT
GATCTCAGCTCACTGCAATCTCTGCCTCCTGGGTTCAAGTGATTCCCCTGCCTTAGCCTC
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AGAGAGGAGGTTTCACCGTGTTGGCCAGGATGGTCTCAATCTC

>SEQUENCE:327:prostate_MPM2000-004P4Novel007_8Table4

ACACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGAT
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CACCTCAATGTCTTTCACCCCTCCAATTTTAAGGTGAAAATATCTAGGCTTCTGCCCTCTG
CAACTGATTTCTATTGAGGGCCTATGGAGGTAAAATGACAATAATCATTGAATCTAGAAA
GAAAAAGCATCAAGCACAAATTTACACGAACAATAGTTTCAGTTGACATTTAACTGAATGC
TTCTAACTTATTTAATCTTATTAGATAGGCAGTGTTTTAATCAATTTACAGATGGAGAAA
CCAGGGATGGTGCAACTTGCAAGTGGCAGAGCCCTGTTTATCTCCAAAGTTCCTGTTCTC
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TTTGAG

>SEQUENCE:328:prostate_MPM2000-004P4Novel007_8Table4

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CCTGCTGACTTGAGAATGTTCTGTAAGGACTGGAAACACTAGAATCTTGAAGAAACGCCT
GGCTAGAGGTGAGGGTAAGCTGTTAATTACACTGATTACAGTTTGTGCCTCTCAGACTGA
GAACTCTTTTCTTCTTGCTGGGGGCATTGCTATCTCTAGGATGTTTGCCCTGAAGTCCTG
ATAGTCTCTTTGGGGTTTTAATAAATGGCCGAAAAAATTGTTGTGGGGTTTCAACAGGCG
TTCATAGGCACCCTTGCTTGGCAATATAACATGGCTTTTGATGTTTGGGTGTTGGAAGGG
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>SEQUENCE:329:prostate_MPM2000-004P4Novel007_8Table4

CTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGA
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ATAGAAGCCTGGATTGTTGTTGGAAGTAAGGTAGGACCAAGAAACGGAACCCACCAA
ATTGCCAAGCAAAGCAGTATGATAACACTAAAGGATATAACACAAGTCTGCCCTTCTGCA
TTCATTTAGTGTCAGTTATAATTTCTTCCAAAGGAGACCTTGAATTTTTTAATTATGTTT
TCAAATTACAACATTTGAAATGGTAACCTCTAGTTGAATACTCCTTCTTAGGGCGTTGT
ATCTTCTAAGAAATGTCCCCCATTCCAGCTCTGTACGCGGGGGAACAAAATGAAATGGT
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>SEQUENCE:330:prostate_MPM2000-004P4Novel007_8Table4

ACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGGAACCGCAATCTTC
CAGTAATTCGCCAAAATGACGAACACAAAGGGAAAGAGGAGAGGCACCCGATATATGTTT
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AAAGGGATATTGTAGACATCAAGGGAATGGGTACGCGGGGAGCACACTGAGGAGGACACA
AAAGAAGTAGACAGAATCTCTGCCTCTGCTTAGGAGTATGCAATTTAGTTGGGGCGACAA
AACTTAAATGCTAGAACCAATAAAAGAAGATTACAAAGCAACTCGCAAATTCTGGACAAT
CAGGAAGTCCAAGCCACAATGATCCTGCCAAGAATCCTCCAGGTTACCTTGAGGATAGTT
TTGTAAAATCTGGAGTCTTCAATGTATCAGAAGTTGTAAGAGTATCCAGAACGCCCATAA
CCCAGGGAACTGGAGTCAACTTCCCAATTGGAGAAATCCCAAGCCAACCATATCATG
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>SEQUENCE:331:prostate_MPM2000-004P4Novel007_8Table4

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGATCTTGGCTCACTGC
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ACAGGCGCGTGCCACTGCGTCCGGCTAATTTTTGTATTTTTAGTAGAGATGGGGTTTCAC
CATGTTGGCCAGGCTGATCTCAAACCTTCTGAACCTCAATGTGGTCCACACCACCTTTGGC
CTCCCCAAAGTGGCTGGGATTACAAGGCGTTGAATGCCACCGCGCCTTCAGCCTACAAAT
GGCAATTTTTTTAAAACCTGGACANCGCTATTACTTGGGATAAAATTTCTTCTGTTTTA
AAAATTCCTTATTTTACCTATTTTTTAAAAGAATAAAGTAATTAGGTTTTTTTTTTTTT

Table 7
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>SEQUENCE:332:prostate_MPM2000-004P4Novel007_8Table4

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CAAATCTTTTTATAAGGAAAATGGTGAACCCTCTGCTCTATCTCAGTCGTACACGGTGAA
GCCTCGAGCCCTCTCCACATTTCTATTTGGATCCATTGAGGTGCAGCCCCCGTGGCTGT
GGAACCCGGGGCAGCAGTGCGCTCACTTCTCTACCCGGCCTCCTGCCCCATCTGCTGCC
TGCGCTGGGGTTCAAAAACAAGACTGTCCTTAAGAAGCGCTGCAAGGACTGTTACCTGGT
GAAGAAGCGGGGTGGGTGGGACGTCTACTGTAAAACCCATCCGAGGCACAAGCAGAGACA
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TGGTTGTATCTTATGGAAGGAATTATCACATCAAG

>SEQUENCE:333:prostate_MPM2000-004P4Novel007_8Table4

GGCCGCCAGTGTGATGGATATCTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTAC
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GTGAACCCTAAAGTGGCTCACAAGAGTGCCCTATTTCTTTCAATTAACCTACAAGGACAAA
CACATCTCAAAGTTGAGATAAGTGACCAGTATGATTTGCCAAAATTCTAAAGCGCACTCA
CCATGAAATGGATAAAGGTTACCTTTGGGGATTTGCACTGTATGAATTCTGTGAAAAGAC
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>SEQUENCE:334:prostate_MPM2000-004P4Novel007_8Table4

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GTAATTCCCAGCTAGGACCTTCCCTTGCTGGGAGGGGNGCCAGGTGTGGCCTCTCTGTG
ACCTTGGACCCTGGCTTCGGCATATGCCAGCCTGGCCTTTCCCCAGGGTAGGGAGCTGGC
ACCCTGGGCATTCCCCGGCCAGCATCCAGCCTTCTTGGGCAGGGCCTTTCCACACCATTC
CTCCCAAATCCTCACTGGCCCACCCTGGAACAAATGCAGGCGGAAGCTCGCATCCCCACC
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>SEQUENCE:335:prostate_MPM2000-004P4Novel007_8Table4

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AGTGGGAGCCCCCTTTGCAAATCACTTAAATTAGAAGTGATTTGCAACGCTTAGGTTAAGG
AGAAGAGCGGGCTGTGTCAATTAATGCAGGAACCTAGGGTATCCAGCGGGGTCCAGTCAGG
AGACAGAAACCACACATGATTCAATCAGAGAAAGTCTGATGTGAAGAATTCTTAGTTGGG
GATTGGGTTATAAGAAGTAATGATATGTGAATTATATCTCAATAAAGCTGTTATCTTTAA
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>SEQUENCE:336:prostate_MPM2000-004P4Novel007_8Table4

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TTCCAGTTACTGACTACTATAATTAATACTACTACACATATTTTTGGGTAACCTTTTGGG
TGGGCATAAGTTCCGTTTCTGTGGGATAAATGCCAGGTCTCCAGGTTCTTATTTGGCC
TCTGTTGACTCTCAAGTTGTAGCAGGGAGTCTGTCTCCAAGTCTAGGGTTGGGACTTCC
AACTCCACACGAGGTGTCTGCTGGTAACTCACTGACTGCGATGGATATGAGTGCCTTGTC
ATGGCTCCCTAAATGGCCTCTACTAATAATACCACCACAACCTACCAACACTACTAAAGTC
ATGTGGACTCTGCTAACAGTAAGGTGGACTCCTTACCACCCAGTGAGAATGAAACTACCA
ATTCCTTACTCAGCTTTCCAGACGTTACCCTGGAAGGAAGGGTGAGTGCCTTGCCACAG
TCAGGCATGAGTGGAAAGCTTGGCTTCCCCACTTGGCTTTTGCCATGGGTGGGGTAGAGC
CACAGTTTTTTGTTATTGTTGTTGTGGCTGGCTGGAGTAAAGCTGTTATTGTCTAAAAG
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>SEQUENCE:337:prostate_MPM2000-004P4Novel007_8Table4

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GATGGATATCTGCAGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACTGCCCTCCTT
ATTTACGCGCTGTCATTCTGATCACTCTAGGACCGGTTGAGACTTTTTTCGTGATACAGTT
TCCTACCTTTTTAGGCAACCATCTGTAAGACAAGGTAGAATGCTACCATAACCATGATTA
ACATTTGCAACACTCTGCCACAGTGCAGCCACTTTCTTTGCCTCCAGCTGAAGAAATTG

Table 7
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AGGTGCACAGAGGTTAAATTTGATGCTCAAAGCAATACAAGTAAATATAGGAGGCTG
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>SEQUENCE:338:prostate_MPM2000-004P4Novel007_8Table4
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TGTTAACTCTCAAATAAACAGGAAATAGTGCCACTTAGCAAGTTGTATGTTCCAAACCC
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>SEQUENCE:339:prostate_MPM2000-004P4Novel007_8Table4
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>SEQUENCE:340:prostate_MPM2000-004P4Novel007_8Table4
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AGCAGCGTTAGCCCTGGGGTTCATTATCTAGCCAGTTCACACCTTCTAAAGTGGGGCTCT
GAAAATGTCTTACTTCCCTCACAGACAAAGCAATTCTCAAGCCTCCTGAGATCACCCACC
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CAAATATTTAAACAACTTAAATATAAAATATTTCACTTATATTTTAAATGGATGTGGTATC
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TCATGTAAGTAACACATAAAAAGTTATAAAATAAATTGTGATCACACTTGGGCTAAATAT
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>SEQUENCE:343:prostate_MPM2000-004P4Novel007_8Table4
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TATGATGCACAAGTCAAAGAACATGTGGCATTTCCAAAGAGTATTAATGCATGTTACTT
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>SEQUENCE:344:prostate_MPM2000-004P4Novel007_8Table4
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>SEQUENCE:345:prostate_MPM2000-004P4Novel007_8Table4

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>SEQUENCE:346:prostate_MPM2000-004P4Novel007_8Table4

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GCACCTAAACAAAATCTAACTTGTAATTCCTTGAACATGTCAGGCATACATTATTCCTTC
TGCCTGAGAAGCTCTTCCTTGTCTCTTAAATCTAGAATGATGTAAAGTTTTGAATGAGTT
GACTATCTTACTTCATGCAAAGAAGGGACACATATGAGATTCATCATCATGAGACAGC
AAATACTAAAAGTGTAATTTGATTATAAGAGTTTAGATAAATATATGAAATGCAAGATCC
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>SEQUENCE:347:prostate_MPM2000-004P4Novel007_8Table4

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AGGGCCCAGTAGCACAGCAGAGGCTGTTTTTCAAAAAGCATATGATCCTCTCCTGTGGTT
AGAACCACCTTCCTTCAGGGCCCCAGGGACCTGCACTGGGATTCTTTCATTGGGCCTTGT
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>SEQUENCE:348:prostate_MPM2000-004P4Novel007_8Table4

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>SEQUENCE:349:prostate_MPM2000-004P4Novel007_8Table4

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>SEQUENCE:350:prostate_MPM2000-004P4Novel007_8Table4

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CATCTTGGTGTAGGCAGTAGGAATGGGAAAGGATATTGGAGCGGCAGAAAGGGCAGCTGCT
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>SEQUENCE:351:prostate_MPM2000-004P4Novel007_8Table4

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TTTTAAGCTCAGTAAATTAATTACATGCCCTGGGAGGGAGTGATTGTAAGTAGAAAATAC
TGAAGTAGCAGATGATTCGTTTTTAAGGTGCTATACTATGTGTATCAAGTTCAAGACGAT
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>SEQUENCE:352:prostate_MPM2000-004P4Novel007_8Table4

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GGTGATCGGGTATTCTGCATTGTTCTTATCCCTTTGTCAGTGACAGACACATTGACATA
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>SEQUENCE:353:prostate_MPM2000-004P4Novel007_8Table4

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>SEQUENCE:354:prostate_MPM2000-004P4Novel007_8Table4

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TTTCAGACTTTAGCAAGCATCAGAGTCACCTGGAGAGGTTGGTGTATCACAGATTGTGGG
TCCCACCCTCAGAGTTTCGGAATCAGTAGGTCTGGGGCGCACCCCTGAGAAATCTGCATTT
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>SEQUENCE:355:prostate_MPM2000-004P4Novel007_8Table4

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>SEQUENCE:356:prostate_MPM2000-004P4Novel007_8Table4

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CATCATCTCCGCCATTGGCCTGGACTCACTTCTCATCTCCTTCTCATATCTGCTTATTCT
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>SEQUENCE:357:prostate_MPM2000-004P4Novel007_8Table4
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AGGGTCTCGGCCTCGCGGTGCAGGCTATACCTCCCTTTGAATTTGCTTTCAAAGATGAGC
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>SEQUENCE:358:prostate_MPM2000-004P4Novel007_8Table4
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>SEQUENCE:359:prostate_MPM2000-004P4Novel007_8Table4
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>SEQUENCE:360:prostate_MPM2000-004P4Novel007_8Table4
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CATCTTGGTGTAGGCAGTAGGAATGGGAAAGGATATTGGAGCGGCAGAAGGGCAGCTGCT
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>SEQUENCE:362:prostate_MPM2000-004P4Novel007_8Table4
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>SEQUENCE:366:prostate_MPM2000-004P4Novel007_8Table4

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>SEQUENCE:367:prostate_MPM2000-004P4Novel007_8Table4

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>SEQUENCE:368:prostate_MPM2000-004P4Novel007_8Table4

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>SEQUENCE:369:prostate_MPM2000-004P4Novel007_8Table4

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>SEQUENCE:373:prostate_MPM2000-004P4Novel007_8Table4

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>SEQUENCE:374:prostate_MPM2000-004P4Novel007_8Table4

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ACTATTATTTGCATAGCACAGAAAGTCAAACATGACCCACACATTTATGCACATATAATT
AATTTCAATAAAATGTTTATATTTATTTTGAATAAATAAAAAACATAAGAAATCATTA
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>SEQUENCE:375:prostate_MPM2000-004P4Novel007_8Table4

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AGAGGTGGCGAAACCCGACAGGACTATAAAGATACCAGGCGTTTCCCCCTGGAAGCCTCC
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>SEQUENCE:376:prostate_MPM2000-004P4Novel007_8Table4

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TCCCTCTGTGAATTTACAACACCCCAACACCCCATGAGTTCAGTCCTTAAGAAGGAAAATTG
AGCAAGTATTTAATTGGTTGGACATTGCATAAAAGAGGTCCATATCCAGGCTAACTCTAG
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>SEQUENCE:377:prostate_MPM2000-004P4Novel007_8Table4

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TCTCATGTGTGTGCTGGGTTTCAATTCTATGTACCTGCCCGGGCGGCCGCTCTAGAACTA
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GGGGGC

>SEQUENCE:378:prostate_MPM2000-004P4Novel007_8Table4

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACTAAATGCTGTGT
AAGTAGACGTTAATCTGGCTGGAACCATGGGAAGCACTTTGCAGTGTTTCAAGAGAGGC
TCCATTTGTGGTTATTATGTAGAACTGGGCCAGAGCCAGTCCATTGCCTGTTTTTTAAA
TAAGGTTTTACTGAGCACAGCCACACTCATTTGTTTATGCAGTACCTGCCCGGGCGGCCG
CTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGT
CGACCTCGAGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGC
GC

>SEQUENCE:379:prostate_MPM2000-004P4Novel007_8Table4

GTATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCCTAATGAGTGAGCTA
ACTCACATTAATTGCGTTGCGCTCACTGCCCGCTTTCCAGTCGGGAAACCTGTCGTGCCA
GCTGCATTAATGAATCGGCCAACGCGCGGGGAGAGGCGGTTTGCGTATTGGGCGCTCTT

>SEQUENCE:380:prostate_MPM2000-004P4Novel007_8Table4

CGTAATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACAAA
TTGTTCCCTTGAAATGACTCAGAGACATTTTCTGAATTGGCTTCCATCAGCCAGGCATTTT
TTCAGAACTGGAAAAATGCTTTAAATTTGGCTTTGTCATGATTATTAACACTCTGTAC
CTGCCCGGGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAA
GCTTATCGATACCGTCGACCTCGAGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGT
GAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTT
ATCCGCTCACAATTCCACACAACATACGAGCCGGGAGCATAAAGTGTAAGCCTGGGGTG
CCTAATGAGTGAGCTAAC

>SEQUENCE:381:prostate_MPM2000-004P4Novel007_8Table4

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCAGGGTGCGGTAGACGCTGG
C
GGCCGAGCCCGTCCGCCAGGCCGAAGTGCGCCACCAGCTGTTTCGCCTGGCTCTAGAACTAG
TGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGG
GGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAAT
CATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATTCCACACAACATAC
GAGCCGGGAGCATAAAGTGTAAGCCTGGGGTGCCTAATGAGTGAGCTAACTCACATTAA
TTGCGTTGCGCTCACTGCCCGCTTTCCAGTCGGGAAACCTGTCGTGCCAGCTGCATTAAT
GAATCGGCCAACGC

>SEQUENCE:384:prostate_MPM2000-004P4Novel007_8Table4

TATACTACTACTATANGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGCCGAGGTA
CCTGAAGGAACGAAGAAGAGGGATTTCTCAAGGTGAGAAGCAGTTCTCCATGGACACTGA
TGACAGCACAGGCAAAGTTTCCTATGACTAGGGATCACTGTCCACACAGAGTCTGGCTTC

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CCAGGTATCCAGCAGGTAGACAAAACAGCTAACTCCACTGCCACTCCTTTCTCCACATCC
GTTCTATTTCTCAGCCATCTCAGTGACATCCGCCATCTTGAGAGTCAACTACTGACTGG
ACTGAGTTGTGTGGTATATGCTTCTGTTTACTTCTCTTCTGTCTTTTTTAAGTGGCCAAA
TAGCAAACGCTTAAATAGGAAATCTCTGGGAGACTTGAATAAAAGACTTTGCTTGGTAGA
AAATCATGTACAGAAAGGCTAATAGACAGCAAAGTAAATCAGCAAGTCCCTGAGCAGTA
GGATTAGGATTCTGTCTCCTTTTCTCAGATTCAAATGCATCTGTTTCTGGGGTTAACAGTGG
ACT

>SEQUENCE:385:prostate_MPM2000-004P4Novel007_8Table4

CACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGGTGATTGCTTTCCAAGG
CCACCGAGGGTATCTGAGACTCCCAGGCCCTGGTTGGTCCTGCCTCTTCTCCTTCATAGT
GTCCCAGTGTTGTCAGGAGGGCGCTGGTGGTAGCTTGGACCTTGTGTGCCAACGCTTCCT
CAGGTCTGGGCCTAACAGCCTCCACTGCCTGGGCTCACTCAGGGAGCGCCTCATTATTTG
GGCAGCCATGGATTCTATCCCAGCCCCATCATCAGTTCGGGGACACAACCTGACTGAAGA
TGCCAGACATCCTGAGAGTTGGCAGAACACAGGAGGCTATTCTGAAGGAGATGCAGTATC
ACAGCCACAGATGGCACTAGAGGAGGTGTCAGCGTCAGATCCACTGGCAA

>SEQUENCE:387:prostate_MPM2000-004P4Novel007_8Table4

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGGCCGGCAGGTACCAATC
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TTGCCTCAGCATTGTGGCCCCCGTGGATCTGCAAGCCTATCCCATGTATTGCACAGTAG
TGGCATATCCAACGGATCTAAGTACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCT
GCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGCCCGGTACCCA
GCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAGCTGT
TTCCTGTGTGAAATTGTTATCCGCTCACAATTC

>SEQUENCE:388:prostate_MPM2000-004P4Novel007_8Table4

GCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGA
ATTCGCCCTTTTCGAGCGGGCCGCCGGGCAGGTACTCCTCATGATCATCTACACAACATTC
TGTGACACGTTCTCTAACCCTAAATATTGACCTGGATAAATTCAGCCTTGTTCTCATACTG
TTCATAATATTTTCTATCCAGCTGAGTTTTATGCTTTTAACTTTTCATCTTTTCAACAAGG
AATAATTCGGGTTTCACACCAGCAGACACAGTGGCTATCATTTTCTGTTCTACACACAAA
TCCCTTACATTGGGAATTCCGATGCTGAGGATCGTGTGTTGCAGGCCATGAGCATCTCTCT
TTAATATCTGTACCTCGGCCGCGACACGCTAAGGGCGAATTCCAGCACACTGGCGGGCCG
TACTAGTGGATCCGAGCTCGGTACCAAGCTTGGCG

>SEQUENCE:390:prostate_MPM2000-004P4Novel007_8Table4

GTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGCCGGGCAG
GTACATCTAGAGAACATTTGCCAAAGGCCTAAGCACGGCAAAGGAAAATAAACACAGAAT
ATAATAAAATGAGATAATCTAGCTTAAAACTATAACTTCCTCTTCAGAACTCCCAACCAC
ATTGGATCTCAGAAAAATACTGTCTTCAAATGACTTCTACAGAGAAGAAATAATTTTTC
CTCTGGACACTAGCACTTAAGGGGAAGATTGGAAGTAAAGCCTTGAAAAGAGTACCCCGG
CCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATAC
CGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTG
CGCGCTTGGCGT

>SEQUENCE:391:prostate_MPM2000-004P4Novel007_8Table4

TAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGCCGGGCAGGTACATGGGACTACA
G

GCACGCCCCACCATGCCAGCTCATTTTTGTATTTTGTAGTAGAGACAGGGTTTCACCATG
TTGGCCAGGATGATCTTGATCTCTTGACCTCATGATCCGCCCTTTTGGCCTCCCCAAGT
GCTGGGATCACAGGCGTGAGCCACCACACCTGGCCCTCTATTTATTCTTTTAAAGAAGA
GAGAAAATATGAGAGGCCAAAATTATTTAATTAATCTTTTACCTTAGCACAAGGGAAA
AAATGGAATTTGC

>SEQUENCE:392:prostate_MPM2000-004P4Novel007_8Table4

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCGGGCCGGCCAGGTCCATAG
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TCTCTCACCCTCTATTCAACATAGTGTGGAAGTTCTGGCCAGGGCAATTAGGCAGGA
GAAGGAAAGAAAGGGTATTCAATTAGGAAAAGAGGAAGTCAAATTGTCCCTGTTTGCAGA
TGACATGATTGTATATCTAGAAAACCCCATTTGTCTCAGCCCAAATCTCCTTAAGCTGAT
AAGCAACTTCGGCAAAGTCTCAGGATACAAAATCAATGTACCTCGGCCGCTCTAGAACTA

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GTGGATCCCCCGGGCTGCAGGAATTGATA

>SEQUENCE:393:prostate_MPM2000-004P4Novel007_8Table4

TATAGGGCGATTTGGAGCTACACCCCGGTGGCGGCCGAGGTACCCTAGCCTAATCCATAT
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TATGGAAAGAAAATGCTGATAAAGCATTGCGCAGAAATTACTTCACTAGTGCCACACACG
GACAGAATTGAGGACATTTAGACTTTTTTGTGTTGTTGAGATGGAGTCTCATTCTGTCCG
TCAGGCTGGAGTGCAGTGGTGTCTATCTCAGCTCACTGCAACCTCTGCCTGGGCAAGACTC
TGTCCCAAAAAATAAAAAATAAATAAAATTAAGTCTGGAAAGTAAAGGGAAGAATG
AATACAATTTAGTTAAGAATACTGCCAGGATTAACAAACAAAAAATCAATCTTGGATTG
GTTTCATCTTTATTTCTAGAAATAATACTATATACCTT

>SEQUENCE:394:prostate_MPM2000-004P4Novel007_8Table4

CTCCTATAGGGCATTGAGCTCCACCGCGGTGGCGGCCGAGGTACATTTTCATTGTATG
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ATATCTTTGTCTTATTCTGAATTAAGGGGCATTGAGTCTTTCAGCATGGAGTAGGATGTT
AGCTGTAGGGTTTTGTAGACGCCCTTACAGAGTTGAGGAAGTTCTCTTTTATTCTTAG
TTTGCTGAAAGTTTTACCATGAATACATGTTCTAGTTTGCCAAATGCTTTTTCTGCTTC
AATTAATATGATCATGTGTTTCTTCTTCTTCTACTGATAGTTTGACAGTTCCATTGAT
TCATTTTTGATGAACGAACCTTACATTCTTGGGATAAATTGCCCTTGCCATGGTGTATTG
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>SEQUENCE:395:prostate_MPM2000-004P4Novel007_8Table4

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCCTCTTGGATCTTCATTAATGA
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TTCTGGGGAGTAAACGACCTATACAGCTAAAAATACAAGATGAGAAGCCATTCTCTTCT
TTTACTAGTATGAAGTCATCAGACGTCTTCTCCAGCAAAGGAATGACACGCTGGGGGGAA
TTTGACGATCTCTATCGTATTAGTGAGCTGGACAGGACCCAGATTCCTATGTCTGAAAA
AGGAATTCCCAGGAAGCAACACCCTGAAGCCACATGCAAAGGATGAACCAGACTCCCCAG
TGCTCTATAGAACCATGAGTGAAGCAGCTCTGGTGAGAAAAAGGATGAAGCCTCTGATGA
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>SEQUENCE:396:prostate_MPM2000-004P4Novel007_8Table4

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CAGCGTTAGCCCTGGGGTTCATTATCTAGCCAGTTCACACCTTCTAAAGTGGGGCTCTGA
AAATGTCTTACTTCCCTCACAGACAAAGCAATTCTCAAGCCTCCTGAGATCACCCACCAA
CCAGAGCAACTGCTGTCACTTGGAGGTGCAGCTGAATTCTTCTAATTGTGACACAACTC
TTGAAACTGTAAATGCTGAAAGATTAAATGAGGTTATAACACTCAGAAGGTTTTACAAGT
AAAAGTAAGTCAAATCAATAGGTCTTTATTTTATATCTGTAATGGTTTAGCTCTGCGGGA
AGTGTTAGCAGCTATATGAATTAGGAAGAATTTAGAAGACAATCCCTAAACACATGANAT
GTCCAAGTAAGAAGATAACATATTTATCCAAATATTTAAAGTGAAATGCTCCAGATATGG
GAAGCTTACAGTNTTCAAGCAAAGCTTTTTAAAAAAATTATGGAACCTATTTTAAAGAGA
GCTAAACATTTTCTTTG

>SEQUENCE:398:prostate_MPM2000-004P4Novel007_8Table4

GCGCGTTATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGGT
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AGACCTTAGCTGACCCCGCAGCTGTCTTCTCTTTGTTAACCTCAACACATCGCGCCCCC
TTCCGGGAACACTTGCTCTTCTCTCCTTGGCTTAAGTCCCGGTTTTTTCATTCTTTAT
CCGTGACCTTTAGGGAACCGTGGGGGGGAAGTCTGGTTTCCGTCCTGCTGCTTTCTTCA
ACTACAAGATGGCTTGTCTATAAGGACGCATGCAATGCCATTCTTAAAGACAG

>SEQUENCE:399:prostate_MPM2000-004P4Novel007_8Table4

TCCACCGCGGTGGCGGCCGAGGTACTTTTGATAATAACTCACTCTGTGCGATATTCCTGA
ATAAGTCCATCTCAAAGTTTGGGATTTTCTCCTCTTAACTTTCTTAATATTTGGACAT
GCAAGTTGTCGCCAACTAAGGGTATTTATGGAATTTTCTAGTATAATAGAAATAACCT
ATA

>SEQUENCE:400:prostate_MPM2000-004P4Novel007_8Table4

CGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTGGGAGGC
CGAGGCAGGCAGATCACAAGGTCAAGAGATTGAGACCATCCTGGCCAACACGGTGAAACC
TCCTCTCTACTAAAAATACAAAAATTAGCTGGGCGTGGTGGTGCATGCCTGTAGTCCCAG

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CTACTCAGGAGGCTAAGGCAGGGGAATCACTTGAACCCAGGAGGCAGAGATTGCAGTGAG
CTGAGATCATGCCACTGCACTCCAGCCCGGTGACAGAGTAAGATTCCATCTCAAAAAAAA
AAAAAAGCCAGGGCTTTGGAGTTAGGCCTAACAAAGTCTGAATCCTAATTCTGCTACTG
ATATACTCAGTGATCTTGGCATGCCACTTATTCCTCTGAGCCTGTTTCCTCACCTGTGGA
ATGTGAATGCTATACAAC

>SEQUENCE:401:prostate_MPM2000-004P4Novel007_8Table4

GGAGCTCCACCGCGGTGGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATT
CGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGCCCGGTACCCAGCTTTTGT
CCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGT
GAAATTGTTATCCGCTCACAATTC

>SEQUENCE:403:prostate_MPM2000-004P4Novel007_8Table4

CACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCAATCTAAAAA
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TACAGAAAAGTTACCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCA
AGCTTATCGATACCGTCGACCTCGAGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAG
TGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGT
TATCCGCTCACAATTCCACACAACATACGAGCCGGGAGCATAAAGTGTAAGCCTGGGG
GTGCCTAATGAGGTGAGCTT

>SEQUENCE:404:prostate_MPM2000-004P4Novel007_8Table4

GGCGAATTGTAGCTCCACCGCGGTGGCGGCCGGGCATCTCTCCAGGGATCTCTGTGCTT
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CACTACTTAGACATTATATTGTCATCTTGCTGTTTCTAGTGATGTTAATTATCTCCATTT
CAGCAGATGTGTGGCCTCAGATGGTAAAGTCAGCAGCCTTTCTTATTTCTCACCCCTGCC
ATTGAGATGTCTGTAGTCTTTCTTTGCTGCACTGAGTACCTCGGCCGCTCTAGAACTAGT
GGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCCACCTCGAGGGG
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>SEQUENCE:405:prostate_MPM2000-004P4Novel007_8Table4

ATACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACA
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TGCCTCAGCCTCTCAAAGTGCTGGGATTACAGGTGTGAGCCACGGCTCCTGGCTCCTTGC
TCCAGAATCAGTTTTTTAATGGAAGATAGCTCATACTTTGTTTTTGTAAAAAGAGACT
GGGCAACATAGCAAAACCTTGTCACTATAAAAAATACAAAAATTAGCCAGGCGTGGTGGT
GCACGCCTGTGGTCTCAGCTGCTCAGTCGGCTGAGGTGGGAAGATGGCTTCAAGCCGGGA
GATGGAGGCTTCAGTGACCTGTGACCTGTGATCACACCACTTAATTCCTCAAAGCATTG
TGTCCAGTTCCCTCC

>SEQUENCE:406:prostate_MPM2000-004P4Novel007_8Table4

GGCGGCCGAGGTACTGCTACTAACGGAACCCAGGCTCTGAGTTGTCTCAAGTTTCCTCTT
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CACTCCCGGATGTTGACCCATCTATAGCAGGAATTCTCCAAGTGTGGCCCCTCCCCGGCC
AGGCACGGATCTGGGAGGAAGCCGCTCTATACTAGTGGATCCCCCGGGCTGCACGAATT
CGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGCCCGGTACCCAGCTTTTGT
CCCTTTCGTGAGGGCTAATTGCGCGCTTGGCGTAATCATGGTCGTAGCTGTTTACTGTGT
GAAATCGCTATCCGGTCACAATTCCACACAACATACGAGCCGGGAGCATAAAGTGTAAG
CCTGCCGTGCCTCATGAGTGAGCT

>SEQUENCE:407:prostate_MPM2000-004P4Novel007_8Table4

GACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCCTGAGGCCTG
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TCTGTCCTAAATAGCTGACATTGCATCTTCAAGACTAGTGTGAGTAATCCTGATATTTTT
TTTTAAGCTCAGTAAATTAATTACATGCCCTGGGAGGGAGTGATTGTAAGTAGAAAATAC
TGAAGTAGCAGATGATTCGTTTTTAAGGTGCTATACTATGTGTATCAAGTTCAAGACGAT
GAATCTTAAAGCTTCTAAGAACTGGCAGGGTTATTCCAGCTTTGTGCCCCCGCGTACCTG
CCCGGGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCT
TA

>SEQUENCE:408:prostate_MPM2000-004P4Novel007_8Table4

CTATACGGCGAATTGGATCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACAGTGAAAAG
AGCCAAGGCTGTGTGACCCCTCATCACTTAGCCAGGCGTATGGTCCTGGTTTCTGAGGC

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TGCCAGAAAGCATCTTAGCAATTTGTGTTTGGATGGTCCATGCCTGACTATTCTAGGCTG
GAGGTTCTTAAGAGTAACAAGAGGAAGAGAAACAAGAATCTCTGACACTTGTTGAGAAT
AGAGCACAGTCCCATTGTTTGAAGAGACACCAGGCAGCCATGTTTATGTGCCAGAAA
TGCATTCCACCTCAAGGAGGACTTAATTTATGGACCCGTGTGTGCCAGGCTGAGCTGGGC
AAGATCTTTCTCAGGACAACTCTGCCATGCAGCTAAAAGTCTGGAACTAAAGGATTTT
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>SEQUENCE:409:prostate_MPM2000-004P4Novel007_8Table4

CGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCTATGATT
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AGTTGCCATATCCACTAGGTGGTATTGCAAATAAGTAAAGCATCCTGGCCATGACGCTGC
TAGTGAGAATCCCTGACCAAAGTTACTCTCCTCACCTCACTGCAAACCTCCAGGAAGCGG
AACTACTACCCCTCCACAGACAGAGCTCCCCTGCCACTCCATGAGGCGCTGCTGCCGGC
ATCAGTTACCGAAGCCCTCACCCACACCCAGCCTGCAATGGTCCACTCTATATTCCACAA
TACAGGAAAAAGCCCAAGGAGTCAGATCAGTTACGCCCTGGGATGCAGAAAGAACCAGT
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>SEQUENCE:412:prostate_MPM2000-004P4Novel007_8Table4

TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACC
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TAAATGAAAAGTAATAACCTCCAACCACAACCTAGTCAGGGTATTAATAATTATATGT
AGCAAGAAAACAAAGAAGAAAATAATATTGAAAAAATGGAGATTCCCCAACCAGTTTCAT
ATTTGAAGGATCTGAGTTGTATTTTATTAAGGAAATTTTTTTTCTGAATACTGTCTTC
CAAAATGTTAACATTAAATCTGAATCAGAGGACTCTGAATGGAAAAGAAGTTTGATCAC
TGACACCTAGGGCTCTGAAGCGTGTGTGGCCACATGGAAAAGTCGAAGGATGCGCTGTGC
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>SEQUENCE:413:prostate_MPM2000-004P4Novel007_8Table4

CGACTCCTATAGGGCGTATTGGAGCTCCACCGCGGTGGCGGCCGATCTTGTGATTATTTA
CTATGTCCTAGATTACAATTCATGGCCCTTGCCACCACCTCCCCACCGTGTACCTCGGCC
GCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCG
TCGACCTCGAGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCG
CGCTTGGCGTAATCATGGTCATAGCTGTTTCTGTGTGAAATTGTTATCCGCTCACAAAT
CCACACAACATACGAGCCGGGAGCATAAAGTGTAAGCCTGGGGTGCCTAATGAGTGAGC
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CAGCTGCATTAATGAATCGGCC

>SEQUENCE:414:prostate_MPM2000-004P4Novel007_8Table4

CCGCCCCGGGCAGGTACGCTGGGGGCTCTCGGTGTCAGAGCGCATGCTTCCGGCTCCACC
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TAGCCGAAGCCTCGGAAGGAGCGGCCACGGCAAAGAGACATGGTCTGGCTATGTGCCGT
CTGGGCTCAAACCTTCTGGCCTTGGGTGATTCTCTCACCTCAGACTCCTGAGTAGCTGGGA
TTACAGATGCGGGCCACCACACCTGGCTACCAGTGTGCTTTTCTTGGAGAAAGAAGAAAA
GAAGAAAGAAGGAAGAAGAAGAAGAAAGAGGAAGAAGGAAGAAGAGCCAGTG
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TTTTCTGAAGTATGGCAG

>SEQUENCE:415:prostate_MPM2000-004P4Novel007_8Table4

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGATCTGGGAACTAAATATTTAA
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ATTACAACAGCTTTGTTTTGAGGGTTAGAAATATGAAATGATTTGGTTATGAACGCACAG
TTTAGGCAGCAGGGCCAGAATCCTGACCCTCTGCCCCGTGGTTATCTCCTCCCCAGCTTG
GCTGCCTCATGTCATCACAGTATTCCATTTTGTGTTGTCATGTCTTGTGAAGCCATCAA
GATTTTCTCGTCTGTTTCTCTCATTGGTAATGCTCACTTTGTGACTTCATTTCAAATC
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>SEQUENCE:416:prostate_MPM2000-004P4Novel007_8Table4

GCGATTTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACTCTACGGTGTCAATAA
TTATTTCAATTCTCTGCTGCAATTAGTGCTAATTACAATACCTGAGCTATAAAAATAAAAG
ATTTCAATTATAGCAAAGTTCACAAATATCGTTTTAGTTTCAATTATCCACATTGTTCAATT
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TGATGAAACAGGATCTGTATCTTGAAACA

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>SEQUENCE:417:prostate_MPM2000-004P4Novel007_8Table4
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AATTGGAAAGTGAAATGGAAGATGCCTATCATGAACATCAGGCAAATCTTTTGCGCCAAG
ATCTGATGAGACGACAGGAAGAATTAAGACGCATGGAAGAACTTCACAATCAAGAAATGC
AGAAACGTAAAGAAATGCAATTGAGGCAAGAGGAGGAACGACGTAGAAGAGAGGAAGAGA
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>SEQUENCE:418:prostate_MPM2000-004P4Novel007_8Table4
CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCCAGGTACTAGCTCCTGTCCTGCTGTCT
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CTCTCTCTCAAAAAAAAAAAGGTGGGGGGGATTGGCTGGGCCAGAATTTGGCCCAAAGCC
ACCACTGGTCTGTGGTGACCAGGAGCAATACCATATTGATTTCCCAGGCCCCACCCTTTC
AGCAAGAGGCTGGAATTTGGGGGGGAGGGTCTGTGATGTTTCTACTAACTGGCCATTAGCT
GGATCATCATTTCCAAAGGAATCTAATAACAATAATGTCCACAAAAAGCAGTGAAGGATAC
AGAGACCACAAAATAGATCCACAACATGGGACAGAGTGGCATTGGCCTCCCAACAGTTTC
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>SEQUENCE:420:prostate_MPM2000-004P4Novel007_8Table4
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TAACTTTCTTAATATTTGGACATGCAGTTGTCGCCAACTTGGGTATTCATGGAATTTCT
AGTAAATGAAATACCTATACTTTGATACTGAAGACTGCCAAATACATAGGAATTTTCTTT
CTTAAAAACAGTAATGAAGACTATATCTCCTTTCCCAGCACTGAATGTTTTACTAGCAC
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>SEQUENCE:422:prostate_MPM2000-004P4Novel007_8Table4
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TATGAAACTGTTTGTTTGCCAGTCCTGCCCTAAGGCAGAAGATGAATTGAAGATGCTGTG
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CAGTGCCACCAGGCTCTAGAAGTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGC
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>SEQUENCE:423:prostate_MPM2000-004P4Novel007_8Table4
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AAAATGAGGGAGGAGCTAGGAGAACTATCAGAGCAGTTTTACAAATATGCAGTACCTCGG
CCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTGATATCAAGCTTATCGATAC
CGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCCTTTAGTGAGGGTTAATTG
CGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAA
TTCCACACAACATACGAGCCGGGAGCATAAAGTGTAAGCCTGGGGTGCCTAATGAGTGA
GCTAACTCACATTAATTGCGTTGCGCTCACTGC

>SEQUENCE:424:prostate_MPM2000-004P4Novel007_8Table4
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CGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACC
GTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCCTTTAGTGAGGGTTAATTGC
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>SEQUENCE:425:prostate_MPM2000-004P4Novel007_8Table4
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AGCTAATGGAGTTGCTGCCATTTTGACCATTGCCAACCATGATACCAGAGGGGAAATGAAA
TGTGGGTCCAGGGGGCACTGTTCAATCCACTGTAGCATGGGAAGCCCTGATAAAAAGAGAC
ACAGGACAAAATTAAAGTTGTGAAAATTATATACGTACCTCGGCCGCTCTAGAAGTAGTG
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GGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCA
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>SEQUENCE:426:prostate_MPM2000-004P4Novel007_8Table4

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TTTCCCGATGAAATTCAAACAAAATTAGACTTTTATACACACAAAGCAAAACAAAACACA
ACCTATATATAATTTCAAGATTAAGAAAAACAAAACAAATAAAAGCATTCTCTCAAGACC
TTGCTTCAGTTGTGTAAATAATTAATGTGCTATTCCAAGTTGATTTTAGTTTTTAAAT
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>SEQUENCE:428:prostate_MPM2000-004P4Novel007_8Table4

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GAACTTACATTTTATTTCTTGAACGGACAGAGAAATACCTTTCATTTATCAAGTGTGTA
AATAATGCCCATGTGACAGAAACATGCATAATAATCTCATAAGAGAATATCCAGAGATAA
AAGACAAGTTGAACTCAGGGACATTTTACCCAAGCAATTAATTTCCAGATGGAGTTGCC
TTGATCAGTCATGTAACCACTGGGTAAGAGTTCTAAACTATCAGAAAGAGTTCTAAACTA
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>SEQUENCE:429:prostate_MPM2000-004P4Novel007_8Table4

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AGTTACCCTTTCTCCTCTCTTTTATCCCCAAGGATACAGAACATCAACCACATCAGCCAT
CTTGTGCCCTGCGTGCTGAGAGGAGCTTTTCTTCCATGAAGATCCCTTGATGCAGAGCCC
TGTAAGACTGCATCATCCAGCTACTTTCCTGCTGACTTCCACTTGGGTTTACTCAATG
GGTGACACTCACAGGACATAAGAGATTAGAAAGAGGGGATAAGGTTTTTTTATATATCTGC
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>SEQUENCE:430:prostate_MPM2000-004P4Novel007_8Table4

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TGCTTTAGCAGACCTGGGACCGTCAAGAATCTTGTTACCCTGATTATTGCAAGATGACA
TATTTCTTAAGCCATTTATAATCTCATATTCGGGTTGAATCTGAATTTACAAATAAAAGG
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>SEQUENCE:431:prostate_MPM2000-004P4Novel007_8Table4

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>SEQUENCE:433:prostate_MPM2000-004P4Novel007_8Table4

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CCAAAGCAATCTGAAAGAATCGGGCACAAGGTCATGGCTATTCCCAGGTTTACAACGAAA
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>SEQUENCE:434:prostate_MPM2000-004P4Novel007_8Table4

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CCAAAGCCACCACTGGTCTGTGGTGACCAGGAGCAATACCATATGATTTCCCAGGCCCA
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>SEQUENCE:435:prostate_MPM2000-004P4Novel007_8Table4
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>SEQUENCE:437:prostate_MPM2000-004P4Novel007_8Table4
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AGGATGAGCTGGAGGGTGCATTTACTTGCATTTCTAGCATTGGATAGGAGGAGATTAGAG
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CCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAG
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>SEQUENCE:440:prostate_MPM2000-004P4Novel007_8Table4
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ACACATTTAAGCCATTTGGTATATGGAGAAGTCCATAGTGCCAGACAATTGAATAATTC

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TGCTGGATTCTGTTGGAACACTGTCTTGTCTTCAAGAGAAGACTGAAGATTTCTGAAGTC
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CAAATAGAATGTTGTCACGTGACTTTTTTCTACATTTACAAATAAATGTTGCAAATCA
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>SEQUENCE:441:prostate_MPM2000-004P4Novel007_8Table4
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CAGTGCTGATGTGAGTCTGACGAAGTGGACATCACCTGCAGTCAGTCCAGAGCTGCCAG
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>SEQUENCE:442:prostate_MPM2000-004P4Novel007_8Table4
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>SEQUENCE:443:prostate_MPM2000-004P4Novel007_8Table4
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ACATTGTTTCATCTAAAATAATACATTTTCTTTACATATAACTGTCTTAGACTTGTAATTG
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>SEQUENCE:444:prostate_MPM2000-004P4Novel007_8Table4
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ATGAATTTTTTTTGAATATATTAATTCTGATATCCTTTAAGTTAAGTAAATGCACAGCC
AGTTTATACATCTTCATTGCTCATTTTGTGTTTAAAGATACATTGTAAAGAATATTTTA
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>SEQUENCE:445:prostate_MPM2000-004P4Novel007_8Table4
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CATCTTGGTGTAGGCAGTAGGAATGGGAAAGGATATTGGAGCGGCAGAAGGGGCAGCTGCT
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>SEQUENCE:446:prostate_MPM2000-004P4Novel007_8Table4
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>SEQUENCE:447:prostate_MPM2000-004P4Novel007_8Table4
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GCATAGGGGCAAAAAGGTTGCTGCCTAATTGAAAAAAGATGCTGTCCAGGGACCTATAAAT
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GCCCGGGCGGCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGC
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>SEQUENCE:448:prostate_MPM2000-004P4Novel007_8Table4

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AGCAAGAAAACAAAGAAGAAAATAATATTGAAAAAATGGAGATTCCCAACCAAGTTTCAT
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CAAAATGTTAACATTAAAATCTGAATCAGAGGACTCTGAATGGAAAAGAAGTTTGATCAC
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>SEQUENCE:449:prostate_MPM2000-004P4Novel007_8Table4

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GGGCGGCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTAT
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>SEQUENCE:450:prostate_MPM2000-004P4Novel007_8Table4

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>SEQUENCE:451:prostate_MPM2000-004P4Novel007_8Table4

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GCAGCTGCAATCCCGACAAATGCAAGATTATTATCTGATCATTCCAACCAACTGCTGAA
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>SEQUENCE:454:prostate_MPM2000-004P4Novel007_8Table4

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CTCAAATTCTCTCTCTCAAAAAAAAAAAGGTGGGGGGGATTGGCTGGGCCAGAATTTGGC
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>SEQUENCE:455:prostate_MPM2000-004P4Novel007_8Table4

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>SEQUENCE:457:prostate_MPM2000-004P4Novel007_8Table4

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>SEQUENCE:458:prostate_MPM2000-004P4Novel007_8Table4

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>SEQUENCE:459:prostate_MPM2000-004P4Novel007_8Table4

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>SEQUENCE:461:prostate_MPM2000-004P4Novel007_8Table4

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>SEQUENCE:463:prostate_MPM2000-004P4Novel007_8Table4

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ATTTCTAGTTGAATCCCTGTCATTTCTGTAAATAGACTTATATTTTACCAGCAGCCCTTA
TGCGATTTCTTTGTGAAAAATATTTCTCTGTATAGAGGAAAGTTTATCATTGGAATGTT
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>SEQUENCE:464:prostate_MPM2000-004P4Novel007_8Table4

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TGATAACAAAAACACTCAACGTAAAGACCCCTATTATGGAGCAGACTGGGGAATAGGGTG
GTGGACAGCTGTAGTGATAATGTTGATAGTAGGTATAATAACACCAGTGTTTTATTTGTT

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Table 7
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GT

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CGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGG
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CAGTTCCATAGCCATAAGCGTCTGATTGATAAAGCAAACCCAAGTTCTTTGTAGAAGAGC
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Table 7
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Table 7
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CCAGCAGGAATCATGAGGGAAGGAAAATGCAGCACTCTAAATGGCCACTCAGGCGTTCCT
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Table 7
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>SEQUENCE:501:prostate_MPM2000-004P4Novel007_8Table4
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Table 7
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>SEQUENCE:506:prostate_MPM2000-004P4Novel007_8Table4

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>SEQUENCE:507:prostate_MPM2000-004P4Novel007_8Table4

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AGCCCAAGGCATTGAGTCCCAAAGAAACACTGGGAGAATTGGTCACTGGTGACTTTTTTG
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>SEQUENCE:543:prostate_MPM2000-004P4Novel007_8Table4
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>SEQUENCE:545:prostate_MPM2000-004P4Novel007_8Table4
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>SEQUENCE:547:prostate_MPM2000-004P4Novel007_8Table4
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GGCTGAGGCAGGTGGATCACTTGAGCCCAGGAGTTGGAGACCAGCCTGGGCAACTTGGTG
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GAAGTGGATCTGAAAACCAACCGGTTTGGGTGAATTTTTTTTTAAACCGTGAAATGG
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AGGGATCCGATGGGCCCAGAGCAGGTAGCCAACCACTTCTCTGTTGGATGGAATGCAATG
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>SEQUENCE:554:prostate_MPM2000-004P4Novel007_8Table4

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>SEQUENCE:555:prostate_MPM2000-004P4Novel007_8Table4

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TCTTGAGATTCCCATCGTGCAGTTTGCTTACGAGGACATCAAAACATTAGAGGGTCCAAG
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AACCCAAGGCTAGTTAAACTATTGGGAAAGGTAGGCCCCCTTTCCACAGGGATTGCTAA
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>SEQUENCE:559:prostate_MPM2000-004P4Novel007_8Table4

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CCAGGTATCCAGCAGGTAGACAAAACAGCTAACTCCACTGCCACTCCTTTCTCCACATCC
GTTCTATTTCTCAGCCATCTCAGTGACATCCGCCATCTTGAGAGTCAACTACTGACTGG

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ACTGAGTTGTGTGGTATATGCTTCTGTTTACTTCTCTTCTGTCTTTTTTAAGTGGCCAAA
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>SEQUENCE:561:prostate_MPM2000-004P4Novel007_8Table4

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>SEQUENCE:565:prostate_MPM2000-004P4Novel007_8Table4

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CATCTTGGTGTAGGCAGTAGGAATGGGAAAGGATATTGGAGCGGCAGAAGGGCAGCTGCT
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>SEQUENCE:566:prostate_MPM2000-004P4Novel007_8Table4

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CATTCCACCTCAAGGAGGACTTAATTTATGGACCCGTGTGTGCCAGGCTGAGCTGGGCAA
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>SEQUENCE:567:prostate_MPM2000-004P4Novel007_8Table4

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>SEQUENCE:568:prostate_MPM2000-004P4Novel007_8Table4

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>SEQUENCE:569:prostate_MPM2000-004P4Novel007_8Table4

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>SEQUENCE:571:prostate_MPM2000-004P4Novel007_8Table4

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>SEQUENCE:573:prostate_MPM2000-004P4Novel007_8Table4

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>SEQUENCE:575:prostate_MPM2000-004P4Novel007_8Table4

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ACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAAT
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>SEQUENCE:576:prostate_MPM2000-004P4Novel007_8Table4

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>SEQUENCE:577:prostate_MPM2000-004P4Novel007_8Table4

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>SEQUENCE:578:prostate_MPM2000-004P4Novel007_8Table4

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>SEQUENCE:579:prostate_MPM2000-004P4Novel007_8Table4

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>SEQUENCE:580:prostate_MPM2000-004P4Novel007_8Table4

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GAGGCTGGACAGACACAAGCAGAGATTTTGGAAAAAGACTGAGTCCCTCTCAGCACTTCA
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AGTTCTCAGTCTGAGAGGCACAACTGTAATCAGTGTAAATTAACAGCTTACCCTCACCTC
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CACCCCACTCAGTGAGGACACTCAGAACCACAGAAAACCATCCAAAGACAGAGTCCGCAC
CCCAGCTGCTTACTCTGGAAGTCCTAAAATCTCAAGTTCACCCAATCTCACCAGTCCGGC
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AAAAGACCTTCTAGATTATTCACATGAGAAAAAGGGTAAGAAAATAATAGTTACCAATAA
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GTCTGCCATCATGGATGTTCTCGCAGAAGCAAATGGCACCTTTGCCTTAACCTTTTGAA
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ATACCGTCGACCTCGAGGGGGGGCCCGGTACCCAGCTTTTGATCCCTTTAGTGAGGGTTA
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>SEQUENCE:3100:prostate_MPM2000-004P4Novel007_8Table4

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TCTGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACCCTCAATAAGGTAAGAGT
CCAGCTTGGGGGTTGGAGGAAGCTGTCTGATCCAACTGGAGGTGTGTCTACCTCTGACC
TGGCTGGGAAGGATAATAGCCCTGGTCACAGTTAGTTTCTTCTAGATGGTGAGATGATCT
CATCCAAAGGACTTCTGACTGGGCCAAACCATCAAATGTAGTGACAGCATTGGGTTCTG
CCCTCTCTGTCACTGTCCTCCCAAACAGGTTGCCATGAAGCATCCGTCAGCTGTGACAG
CTTGTAATCTGGATCTGGAGAACCTGGTCACAGATTCAAACCGCAGCATTGCCACGCTGG
CCATCACCACCCTGCTTAAGACGGGCAGCGAGAGCAGCATCGACCGCCTCATGAAGCAGA
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>SEQUENCE:3101:prostate_MPM2000-004P4Novel007_8Table4

GTCCGAGGCATCAAAGGCTGCATAATGTCTCCTCCACAGGTATTGGTGGTACTTAGGAC
CATTGCCTACTAGTGAAACAATCAACCTCAACCCAGCTTTGCCCTTCTGAGCCCCTGAAA
GATCAGCTCGAATGGGGCTGGGAACATGGAGGGGGCGTGCTGCTGCACATGGACCTGTGAA
GTAGTCAGGGCTTCTGTCCACGTGGCTGCCCCAAAACCTTTGTGAGGTACTGCCCTCTG
TACAGTAAGCCATCATAGTGTACATCCGTTTACTTTTATAGTAAGAGACAGAAGAAGAGG
GCACAGTTTTTAAACAATGATATGTAAAACAGTGCGAAGGTATGATTTCTCTCTGAACT
AAGTGTGACCGTGGGTAACTCTTGGTGTGTTGGACACCCACTTGAACAGCCACTACCCTG
GCCCAGATCAGAATACGGCAATGGCATCCCGAACCCTGTATGGCACTCAGCCTGCGGAA
GGGGAAAGTCACAGAGCAATCCCCAAGAGCTTTGAGTCTGAAAAGTCTGAGGCAAACAAA
CTCACACAGGATCAATTTAAGTAACAGAGAACACTGACAGGGGAGCTT

>SEQUENCE:3102:prostate_MPM2000-004P4Novel007_8Table4

ACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGG
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GGGAAGGTAGACTCTTTCAGACCTTTGATAAAGGGGCTGCTCAAAAAGCCACGACCCTG
GGCCTCTGCTAAAACCATGGCTTTAAGTAAGGAGGGAGCAGATATATAAAAAACCTTATC
CCCCTTCTAATCTCTTATGTCCTGTGAGTGTCAACCATTTGAGTAAACCCAGGTGGAAGT
CAGCAGGAAAGTAGCTGGGATGATGCAGTCTTACAGGTTATATGCTGAAATGATTTTGG
ATGTACCTCGGCCGCGACCACGCTAAGGGCGAATTCAGCACACTGGCGGCCGTTACTAG
TGGATCCGAGCTCGGTACCAAGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAA
ATTGTTATCCGCTCACAATTCCACACAACATA

>SEQUENCE:3103:prostate_MPM2000-004P4Novel007_8Table4

CTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATAT
CTGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACCAAGCCAATGAGTTGGAGT
TTGCCAGGGAGGCTTCTAAATTTATTCTGCTGTGAATTCTAAGTGGGGCATTGGAAGT
TCATATNNCCTGGACATTTTCTTAGCGTGACTTAGTAATTAATGTGCATCCAAAAAAA
AAAAAAAACCTGCAGATTTGCGCTCAACCCCAATTTGGTTTCTGTAACACAGGAGCA
CTTGAGAAATGCAAAATCTTTAATCACTCCAAATTGCCCAAGCACAAACCAGGCCAAGA
GCGTCAATTGCTTCTAAATAAGATGCAGGTGTTCTGAAAAATCTACAAGCAGTCTGCTC
ATTTTAAATTACTCTTCACTCCATGTGCCCATAGGGAAGGGAGGATTGAAGAAGGCGTTT

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TTTTTTCATCAC

>SEQUENCE:3104:prostate_MPM2000-004P4Novel007_8Table4

GACTACTATACGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATG
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AATGCTGTAAACCATCAGTAGAAGCAGTTTAGATTTGGACTGCATGGAAAATGAAAAGTA
ATAACCCTCCAACCACAACCTAGTCAGGGTATTAATAATTATATGTAGCAAGAAAACAAA
GAAGAAAATAATATTGAAAAAATGGAGATTCCCCAACCAGTTTCATATTTGAAGGATCTG
AGTTGTATTTTTATTAAGGAAATTTTTTTTCTGAATACTGTCTTCCAAAATGTTAACATT
AAAATCTGAATCAGAGGACTCTGAATGGAAAAGAAGTTTGATCACTGACACCTAGGGCTC
TGAAGCGTGTGTGGCCACATGGAAAAGTCGAAGGATGCGCTGTCTGAATCTCCTTTGTCTT
CACTCCATAGACAATTGGGTTGAGCACAGGAGGAACCAGCAGATAGATATTGGCCAAAAT
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>SEQUENCE:3105:prostate_MPM2000-004P4Novel007_8Table4

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TCTTGATAACCTAGCCGAGATAGTGTTTATCAGATTTCTCCACTACAAAGTTATTTTCCC
CCTTTCCATATGTAATTTTTGGAAGGAAGTCACTATTCAGCTCACACTAGAGAAGTAGGA
AGTTCTGCTCCATATCCTTGAGGGCAGAGTTCATAAATTATTTGGAATTCTTCTTCATGG
GAGATTCATCTATTCTACCCCATTTATTAATGTATTCAATTTTCTGGCACTACAAGAATA
TATATATATTTTTGTAATCGACTTTAAAATAATTAGGAAAATGATAGAACATTTTAATAT
AAGAGCAAGATATGGTAAATTGATGAATATTATTAGACATTATCAGTAACAAGAGCTTTG
TATCTTAAGTTGTTTTGAGTTCAATTTCTTGTTACATCTTTTAGCTTGGTTGAGCTAAA
AAATCATTAACCATTGATTTTTTTTTGTAACCTTGCATATAATATGTACCTGCCCGGGCGG
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>SEQUENCE:3106:prostate_MPM2000-004P4Novel007_8Table4

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GCTTTAGTAATGAAAGGATTGCTGCCAAAATCCTGTTTCCCCCTTGCGAGATCTTACAGAA
AACAGCCACAGAATCCCAAGGCATCAGCACCAAGAGAGCCTGTAGAAACTATCTGGTCTA
AGCTCCTGAAGCCCAGAGATAAGAATGACTTAACCCAAGCTGCACAGCCTCTTAACAGTC
CACTGTAAACCCAGAAACAGATGCATTTGAATCTGAAAGGAGACAGGAATCCTAATCCT
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>SEQUENCE:3107:prostate_MPM2000-004P4Novel007_8Table4

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GTTACTATATTACCTGTAAGACCACACTCGGTGTCATCTCCTGCAAACTAGTCCTCTCCT
GACTCCTCTGTTTCTGTGAGTGATTCTGCGATGGCTTGAGGTCATCCGTTTGCTTTGAAA
GATCACACACCAGGATACATACAGAGATGTGACCCGGATGGATGGACCCTTGCCCTACAA
TCAGGGTAGAAGCCTCTGGTTTTCTTATTTCTTTGTCCTCCTCTGTGGTGTGACACAGGT
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>SEQUENCE:3108:prostate_MPM2000-004P4Novel007_8Table4

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TTTCAAAGAGACTAAAGTAGGAATGGGTGCTGGAAATGAGCAAGAAGGGTGAGAGTCCCA
CGGGTGAAGGGAGAAAGCAGCAGAGAATGAATATAAGCCCGGAGAATGAACATAAATGTG
AGGGGAAGAGGCCAGAGGCCAACACTGGAAGGACAGTGAGGGCCAAGAAAGGAACACTA
ATGTTTCTGAGACCTGCAGGGAACCATGGTATTAAGCTCTCATTACCAGCACCTAATTTT
TTAGAGGCTGGTTTTCCAACCTTAAGTGAAGAAATTCACCCTGTTTTTAGCAATTATGAC
GCACTATATTTACTTCTGTACATTAGCTGATTCTGTGGTGGACTGGGTAATTTGAAAAG
CTCCTTTGAACATGAATTGTTTGTAACCTTACAGTCTAGCAATAAGCCTAATTTTAAAA
CAGAATGCTTAATTTCTCCCTGTA

>SEQUENCE:3109:prostate_MPM2000-004P4Novel007_8Table4

TAGGGCGAATTGGGCCCTGTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTG
CAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACTTTTCTTTGTCTTTTTTTTGA

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GACGGAGTCTCGCTCTATCCCCCATGCTGGAGTGCAGTGGCGCGATCTCAGCTCACTGCA
AGCTCCGCCTACCATGTTACGCCATTGTCTTGCTCAGCCTTCCGAGTAGCTGGGACTA
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>SEQUENCE:3110:prostate_MPM2000-004P4Novel007_8Table4

GACTACTATACGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATG
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AATGCTGTAAACCATCAGTAGAAGCAGTTTAGATTTGGACTGCATGGAAAATGAAAAGTA
ATAACCCTCCAACCACAACCTAGTCAGGGTATTAATAATTATATGTAGCAAGAAAACAAA
GAAGAAAATAATATTGAAAAAATGGAGATTCCCCAACCAAGTTTCATATTTGAAGGATCTG
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AAAATCTGAATCAGAGGACTCTGAATGGAAAAGAAGTTTGATCACTGACACCTAGGGCTC
TGAAGCGTGTGTGGCCACATGGAAAAGTCGAAGGATGCGCTGTGAATCTCCTTTGTCTT
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>SEQUENCE:3111:prostate_MPM2000-004P4Novel007_8Table4

CCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCCCTT
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CAATGTGAATTTACCTGGTATTCTGTGAGGTGACCTACTGTTGTTTTCTAGAATAGGGA
GTAGCAATAGATGACTGTTTATGGTGAACCTTGTAAAACAGAATTATGTATTTGC
CTGACTTGCTTGATCAAATGGCTACTGTCTGTACCCCTGAGAAGAATATTGAAACATAGA
TGTTCACTGCTACTTCACTTCACTGGCTAAGATTCTTGGGTAGACTTCACTGGGCTCCTG
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TTTAAAAAGTTATTTTTTCTCTTTCAGAGAGGACACATTACTCGATG

>SEQUENCE:3112:prostate_MPM2000-004P4Novel007_8Table4

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AGATTACTATTTCTGGAAGAAACAAGGAGAGAGGTGACAGCTGCTTATTACAGGAAATGA
TTTACCAGAGATCCTATAGCAAGTTAGGAGCGGACTCAGGGCTAGAAACAGAATCAATAA
AATAGGTATTAATAATAATGGAAGTCTCTGAATTCTCTTCATTTCTTTCTTTCTCCTT
TTTTTTCTCTCTTCTTTCTTTTTTTTTTGAGAGGGGGACAGGGTCTTGCTCTGTACCC
AGGCTGGAGTGGCACAGTGTACCTGCCCGGGCGGCCGCTCGAAAGGGCGAATTCCAGCA
C
ACTGGCGGCCGTTACTAGTGGATCCGAGCTCGGTACCAAGCTTGGCGTAATCATGGTCAT
AGCTGTTTCTGTGTGAAATTGTTATCCGCTCACAATTCCACACAACATACGAGCCGGAA
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GCTCACT

>SEQUENCE:3113:prostate_MPM2000-004P4Novel007_8Table4

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GTAGTGAGATAATCAGGATGTCCCTGCGCCACAAACCTGCAGTGAGTAAAAGAGAGACAG
CGGGACAGTCCCTCCTTCATCAGACACAGATGGGTGACATCTGGCCAGGAAGAAAGATCA
TTCAGGAGCGGCAGAAAGGAGCCCAGTGTGCTATTTGAAGTGCCAAAGCTGAAAAGTGGA
AGAGTGCAATTGGAAGCTGAGAGTGAGAGTCTGGATAGCTTCACAGCTGACTCGGATAGCA
CCTCCAGGAGAGACTCTCTGGATAAATCTGGCCTCTTTCCAGAATGGAAGAAGATGTCTG
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>SEQUENCE:3114:prostate_MPM2000-004P4Novel007_8Table4

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AAGGGGGCAGAGANNACTGGTGGANNGCCTTTCTCTTACTTCCCANNGGACTTCAGCAC
CTAAGACAGCTCCAAAACAAACCNAACAGTCAGCTCCGGGGGAGCACGACTGGGCGAGAG
GCACAGAAATGGACACCAGAAATAAGGCCAGCTCCTTGTGCTCCTGACTCTTCTCAGTG
TGCTCTTCTCACAGACTTCGGCATGGCCTCTTACAGGGCACCTTCTGCTCTCAGGTTGG
GTGACAGAATACCCTTTGAGGGAGCAAATGAACCTGATCAAGTTTCATTAAGAAGACA

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TTGACATGTTGCAAAATGCATTAGCTGAAAATGACACACCCTATTATGATGTATCCAGAA
ATGCCAGGCATGCTGATGGAGTTTTTCACCACTGACTTCAGTAAACTCTTGGGTCAACTTT
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>SEQUENCE:3115:prostate_MPM2000-004P4Novel007_8Table4

GACTIONTATACGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATG
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AATGCTGTAAACCATCAGTAGAAGCAGTTTAGATTTGGACTGCATGGAAAATGAAAAGTA
ATAACCCTCCAACCACAACCTAGTCAGGGTATTAATAATTATATGTAGCAAGAAAACAAA
GAAGAAAATAATATTGAAAAAATGGAGATTCCCCAACCAAGTTTCATATTTGAAGGATCTG
AGTTGTATTTTTATTAAGGAAATTTTTTTTCTGAATACTGTCTTCCAAAATGTAAACATT
AAAATCTGAATCAGAGGACTCTGAATGGAAAAGAAGTTTGATCACTGACACCTAGGGCTC
TGAAGCGTGTGTGGCCACATGGAAAAGTCGAAGGATGCGCTGTGAATCTCCTTTGTCTT
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>SEQUENCE:3116:prostate_MPM2000-004P4Novel007_8Table4

CCACCCGTCCGAGGCATCAAAGGCTGCATAATGTCTCCTCCACAGGTATTGGTGGTTACT
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CTGAAAGATCAGCTCGAATGGTGCTGGGAACATGGAGGGCGTGCTGCCTGCACATGGACC
TGTGAAGTAGTCAGGGCTTCTGTCCACGTGGCTGCCCCAAAACCTTTGTGAGGTACTGC
CCTCTGTACAGTAAGCCATCATAGTGTACATCCGTTTACTTTTATAGTAAGAGACAGAAG
AAGAGGGCACAGTTTTTAAAACAATGATATGTAAACAGTGCGAAGGTATGATTTCTCTC
TGAATAAGTGTGACCGTGGGTAACTCTTGGTGTGTTGGACACCCACTTGAACAGCCACT
ACCCTGGCCCAGATCAGAATACGGCAATGGCATCCCGAACCCTGTATGGCACTCAGCCT
GCGGAAGGGGAAAGTCACAGAGCAATCCCCAAGAGCCTTGAGTCTGAGAAGTCTGAGGCA
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>SEQUENCE:3117:prostate_MPM2000-004P4Novel007_8Table4

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CAGTAGAAGCAGTTTAGATTTGGACTGCATGGTAAAATGAAAAGTAATAACCCTCCAGCC
ACAACCTAGTCAGGGTATTAATAATTATATGTAGCAAGAAAACAAAGAAGAAAATAATAT
CGAAAAAATGGAGATTCCCCAACCAAGTTTCATATTTGAAGGATCTGAGTTGTATTTTTAT
TAAGGAAATTTTTTTTCTGAATACTGTCTTCCAAAATGTAAACATTAAAATCTGAATCAG
AGGACTCTGAATGGAAAAGAAGTTTGATCACTGACACCTAGGGCTCTGAAGCGTGTGTGG
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TTGGGTTGAGCACA

>SEQUENCE:3118:prostate_MPM2000-004P4Novel007_8Table4

CTATAGGGCGAATTGCGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATAT
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CATCCGAACCTGGTGAGGTGAGACAGGCTGATCTGTTGTCCTGTTGGTTGATGTGATCAA
GAGGGTCATCGGAATGACAGCTACCAGTGAAATGATCCACACCACAGCACAGGCTACAAC
TGCACATCGAGTTTTGTGAATGGAAAAGCAGCTCATTGGGTGAATGATCACACAGTAGCG
GAAGATGCTGAAACAGGTGAGGAAGAGGATGCTGCTATACAGGTTGAAATGGAAGCTGAA
GCGGATAAACTTACACATGAAATCTCCAAAGATCCAGTTTTTCGCCACTGGCATAGTAGTG
AATCAAGAAGGGGAGGCTGGTCAGATACAGCAAATCTGTGCAGGCCAGGTTTCAGCATAAT
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>SEQUENCE:3119:prostate_MPM2000-004P4Novel007_8Table4

CGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGA
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AGAAGTGGGGAGCAGAGAGGAAGATGGAGTGGAAAGGGGGCAGGCAAGGCCCTCCTGAA
A
TACCTCAACCCAAATCTTCAAGAAATCCCCAAGTCCTCACAGTGCTTTTTGTGGATTTTT
GTGGAAACCGGTAAAAGGGGCTGATTTGCTGACCCCAAGTGGGTAGAAAACAGAGACTGTC
AAGAGAACAGAAGAGGAGGCAGAAAGGGGATGGGGAAGTGGGGTTGCCATGTTACAGAG
CTCCTGGAGCCACAGGGCCCCCCCAGGAACAACAGAGCTGAGACTGGGTGGCCTTGTTTCT

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GCATCAGACTGCTGTACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAAT
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>SEQUENCE:3125:prostate_MPM2000-004P4Novel007_8Table4

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GCTTTAGTAATGAAAGGATTGCTGCCAAAATCCTGTTTCCCCCTTGCAGATCTTACAGAA
AACAGCCACAGAATCCCAAGGCATCAGCACCAAGAGAGCCTGTAGAACTATCTGGTCTA
AGCTCCTGAAGCCCAGAGATAAGAATGACTTAACCCAAGCTGCACAGCCTCTTAACAGTC
CACTGTTAACCCCAGAAACAGATGCATTTGAATCTGAAAGGAGACAGGAATCCTAATCCT
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>SEQUENCE:3126:prostate_MPM2000-004P4Novel007_8Table4

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ATCTTAGCTTCCTTGCTTACAATTGTTCAAGTGGGTCATCTAAATTCTTCCATGTCCTGAG
CATGATCTACAAACAATTGTCTAGCTTCTGTCTCTCCGTCTTCCCGCCATCATTGTGCTGT
AGCCATATGGAATCCTTTCAGTTCTCTGACCATGCCCTTTCCTGCCTCAGATTTTCACT
TAAATTTTGCCTCCTCAGAGAGATGCCTTCCCAAACCTCCCATCTGAAGCTGGCCTCTGC
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>SEQUENCE:3127:prostate_MPM2000-004P4Novel007_8Table4

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TGTTTCTGTCAATTCAGGCAAGATTCTAGCTTTGCCTTTTCCCTACTTCCCATTTTCTACC
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CTGCACGACTCCACGGAAGGGAACCCAGTGAGTTGTAGCTATAGTTTCCCTAATTGATTTA
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>SEQUENCE:3128:prostate_MPM2000-004P4Novel007_8Table4

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AGGCTGTGTGACCCCTCATCACTTAGCCAGGCGTATGGTCCTGGTTTCTGAGGCTGCAG
AAAGCATCTTAGCAATTTGTGTTTGGATGGTCCATGCCTGACTATTCTAGGCTGGAGGTT
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CAGTCCCATTGTTTGAAGAGAGACACCAGGTAGCCATGTTTATGTGCCAGAAATGCATT
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>SEQUENCE:3129:prostate_MPM2000-004P4Novel007_8Table4

CGAGGTACAATTGGTTCATTCCACAGTTTAACTAACTGGAGCTCCTAAAAGCAGCAGAC
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AGCCTCATTTTTGTACCTGTAAAAGGAGATTGTAAGAGGATGGGTATAAGGAGCTTCAT
AAACCTGGATGAGATATTTGAGGGGGGAGGGAACAATACTTACCCTCAAAGCTATTAAGAG
GCAGGAGATGGGAATATTCCACAAAGCCACTTCTACAAACACGGGAGCCTGTTGAGTCCC
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>SEQUENCE:3130:prostate_MPM2000-004P4Novel007_8Table4

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GGCTGAGGCACGAGGACAGTTTGAGGCCACGAGGTTGAGACTAGCCTGGACAACATAAGG
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GACATATTAAATCTTTTTAAAAAGTAAAAATAGGCTGGGTGTGACGGTTCATGCCTGAA
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>SEQUENCE:3131:prostate_MPM2000-004P4Novel007_8Table4

CGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCTGGGCAGGTACGC
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A

TAAAGAAAAATTGGATGTTAAGATTGAATATTGTAACCTATGCAATGGATTCCTCAGTGGA
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ATTGTTATCAAGTGAGGATTACGCCAAGGTTGATCATGATGAACCATGGTACCTCGGCCG
CTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGT
CGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGC
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>SEQUENCE:3132:prostate_MPM2000-004P4Novel007_8Table4

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CGCAAAGTGCTGGGATTACAGGAGTGAGCCACCGTGCCCAGCCAAGAAAGATTTTGGAAG
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>SEQUENCE:3133:prostate_MPM2000-004P4Novel007_8Table4

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TATTGACAGAATCACAGTTAGATGCTGCACTAAAACCTAAATGGTATATCTCTCAGCCC
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CTTAAGAGTGATTACACTTAAGTCAAACATGGGAAAGAATAGCAAATACAAACCCCAAGG
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AGAGGGAGCAGCGCAGGCAGTTTCTGGTCTGGGTGATAAATTGAAATCCATAAATATAGC
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CCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATAC
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>SEQUENCE:3135:prostate_MPM2000-004P4Novel007_8Table4

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TGCTGATCTTTATTGGTGCAATTTATTGGTCAGGATGTGATTGAGATTATGTAATAAACC
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GTATCCATCTTGTTTTAAATAGTAGCAGGGAGGTTTATCAATGGCTTAACATGGTAGGCT
GGGCCTGGAGAGCTCTCAATGTAACAGAGCTCAAATGTGGCATTACATGAATTCTAAGT
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Table 7
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CCTGGCTTTCCAGTGTGGTTCTGACAGCACTACTGATAACCAAACCTGGAGTCAGGTATTT
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TGATTAAGCGACACAATTTGTTCAACTATAAAACATAATACATTCTTAATAGATTTTACC
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>SEQUENCE:5847:prostate_MPM2000-004P6_Table5
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Table 7
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CCTGGTCCACCACAGAGGTGAGGGCCGCGTCAATGGCCGTCTGTCCCCTCTTTAGTGCCC
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TTGTTCCCTTT

>SEQUENCE:5848:prostate_MPM2000-004P6_Table5

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GG

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>SEQUENCE:5849:prostate_MPM2000-004P6_Table5

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GTGAGTCCAAGCCTCGTTCCTCCTTCTGCCTCCCCGGAGCCACAGGATGGATTTAGGAGC
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CACCACACCGTCCCTTCGATTCTTACTGAGTCACAGACTCGCCTGCCCACTACGTGTCCTG
GGTTCTCTCTACTCAGATCCCTTCCAGAACTTTATATGGGTAGAGGAAGCCAGGGCGGC
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>SEQUENCE:5850:prostate_MPM2000-004P6_Table5

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A

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TCATCGCCCTCTGGACTGCTTGGAGCCCGCCACCTGTGCTTTTAACTCATACCTGAGAA
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ATGGATGTGATAAGAGAATCTTACATTACATCTAACAAAAAAGTAACAAACATGCAATA
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>SEQUENCE:5851:prostate_MPM2000-004P6_Table5

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>SEQUENCE:5852:prostate_MPM2000-004P6_Table5

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Table 7
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>SEQUENCE:5857:prostate_MPM2000-004P6_Table5
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Table 7
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CTAAGTGATCAACAGGTGGTGGCATGAATAGCCTGGACACGCTGGACAAAGGTTATGTCT
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>SEQUENCE:5859:prostate_MPM2000-004P6_Table5
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>SEQUENCE:5862:prostate_MPM2000-004P6_Table5
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>SEQUENCE:5863:prostate_MPM2000-004P6_Table5
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GGTGACTCAGCACTGTAGTGGAGAGTCCTGTTTCTAGCAGAGTTGTTGGAGTTTGCAGA
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Table 7
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>SEQUENCE:5864:prostate_MPM2000-004P6_Table5

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GGCCACACTTGGGGTTTGCCTCATGCACCCCAAGTCCTGGTCTCTCAGCCCTGGGCCC
TTCAGCAGCAGCATGGAGGAGGGTGTGAACCTCGGGAACGAGCTATCCTAGCTTCTGAA
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>SEQUENCE:5865:prostate_MPM2000-004P6_Table5

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AGCCTTGAAAATTTTATTCCCTAAGTGGGGACAGCTCTGGTATTACTGCTTCTTTAATTT
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>SEQUENCE:5866:prostate_MPM2000-004P6_Table5

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>SEQUENCE:5867:prostate_MPM2000-004P6_Table5

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>SEQUENCE:5868:prostate_MPM2000-004P6_Table5

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GAAGAGCAGGTTGAAGGGACAATTAAGCGCCTTGAAGAATTTTACAGCAAATTGAAAGAA
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>SEQUENCE:5869:prostate_MPM2000-004P6_Table5

ACCGCGGTGGCGGCCCGCCGGGCAGGTAAGCCACCTAATCCCTGCTGGGTCAAGC
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CTGGTTCCACAGGCCAACCCATAGAACCACTCTGGAAATAAAGGAGAAAAATGGAAGGAGA
GGTATGGGAGCTTGGATGAGGGGTAGGAATGGGATCCATTCTCTGAGGCTTATAAAAGCC
TCTGAGGAGGGAATGGCTCTGAAGGGGAAAATGAATCTGTGGGGTTTGAAGGAAGTTT
TCCTGCCTGTCTTGTATTTGGTCCAGTGAGTATGAGACAGGCACACAAGGAGTGGACAGT
GGTGTAGGGGCCCTGGGAGTCTGAGACTTACCTTGCCCCCTGACCATCTGATCCTCCCTG

Table 7
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CAAAGGCCACCTGACGTG

>SEQUENCE:5870:prostate_MPM2000-004P6_Table5

GGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCAAAACACATATATAGACCAAT
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AATCTAACAAAAACAAGCAATGGGGAAAGGATTCCCTATTTAATAAACAGTGTTGGGAAA
ACTGGCTAGCCATATGCAGAAACTAAACTGGACCCCTTCCTCACACCTTATTAATAAAA
TTAACTCAAGATAGATTAAAGACTTAAACGTAAGACCTAAAATCATAAAACTCTAGAAG
AAAACCTAGGCAATACCATTGAGGACATAGGCATGGGCAAACACTTCATGACTAAACAC
CAAAGCAATGGCAACAAAAGCCAAAATTGACAAATGGGATCTAATTAACTAAGGAGCT
TTTGACAGCAAA

>SEQUENCE:5871:prostate_MPM2000-004P6_Table5

TTGGAGCTCCACCGCGGTGGCGGCCGCGCCGAGGTACATAAATTATATATCCAGTTCC
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GACCCATACCTGCCACCACACCCGGCTAATTTTTGTATTTTAGTAGAGGCAGGATTGCA
CTATGATAGCCAGGCTGGTCTCGAACTCCTGACCTCAGGTGATCCACCTGCCTCAGCCTC
CCAAAGTGCTGGGATTAAAGGCGTGAGCCACCGTGCCCGGCCCGAGAGACCCATGGCACT
GGGCTCCTTGGTCGGAAGGTTCTTGTGTCCCAAGTGATGAACAGACAGCTGCCAATGT
CAAGGGACCATGAAGACCTGGCCAGTAGCATCTTAACAGAACTAGACAGGTTAAAAAAC
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>SEQUENCE:5872:prostate_MPM2000-004P6_Table5

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AACCTCTCAGTCTGGAGTAGTGAGCAGGACCTTGCAAATGACACTGTGCAGCTCCTTGTC
ACTTTGGTGGAAAGAAGAGAAAGGGCAAACCTTAGTAATTCAATGTGAGAACTGGTGGAA
TTAGCTAAGCAGTTTGCAAGCCGAAGCCACCTCTTAATTTCTTGTCAAGTCCTGTGCAG
AGGACATTGATGAAGGCTCTAGTCTTAGGAGGTTTTGCACATATGGACACAGAAACCAA
CAGCAGTATTGGACAGAGGTTCTTCATCCACTTCAGCAGCGATTCTTAAGAGTGATAGAC
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>SEQUENCE:5873:prostate_MPM2000-004P6_Table5

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G
CCACCCCTGCCGCCATCCAGGCGCCCGCCAGCAGCGCGCCGCGCACGGCGCGCGCGCGC
CG
CCTTCAACTTCATATTCATCAATTGTCCCTATGAAACCACGTAAATATCGAGGAGTGTA
TCGCGCGGCGAGCAGTAATGACAACTATTGGCGCGGGAAACGAGGGATGTTGCGAATCTG
ATACGCGGACGATGGCAATCCGGCCCGGCATTCTTTTGGAGAAATAATGAATTGCGGAT
TGCGCCGATTCCCTGCCTTTGCATAATTCATGAGAATGGTGCCACGATGAACGCGGTGAG
CGCGCCGCGCAGCCCGGGAGGAACGCAGCATGACGACTTCGGTTTACCACGACGGCGAAC
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>SEQUENCE:5874:prostate_MPM2000-004P6_Table5

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CCGTGAAAATCTCGCGCTTGCCGCAGATCAGGATGGCGCGCACGGCGTCGTGGTCTCGG
CCGCCACCAGCGCGTCGGCCAGGGTCTGGTACATGGCGCCCGTGATCGCATTCTTGCGTT
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CGTCTCCAAAAGATAAAGGGCGCCGGGGTAATCCCGCAGCGCCCTGTTTTATTGCTTTA
GCCCGCCAACTTATACGCGCTCGAAAATGCCTGCCGCGCCCATGCCGGCGCCACGCAC
ATCGTGACCATGCCGTACTTCTGCTTGGTGGCGCTGCAGCGCGTGGATCACGGTGGCGGCG
CGGATGGCGCCGGTGGCGCCAGCGGGTGGCCAGGGCGATCGCGCCGNCCATCGGGT
TG

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>SEQUENCE:5875:prostate_MPM2000-004P6_Table5

Table 7
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AAAATAGCAGCTCCACCGCGGGGGCGGCCGAGGTACTGGAGCTGGGCGAGGCCAACCAT
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GGGGCCAATGGGAAACAGTCTGCTGGCTCATGGCTGGACCCGCTGAGAGAGATGGTCTGC
CTCCCATCCCCATTTCCATCTGGACAGTGCTGCCTGCTAACTCGGATCATGTCAGAATGG
TGGAAGAGTCTCTATCCCCACAGGGCTCAGGGACCCTTCTCACCTCACAGGCCCAAGGG
ACATGACCGCCTGCCATGTGCATTGCTCACTCATCAACAGAACCAGGAAATGAGGTCT
CACTGTGCAGAGCCGAGTTTTCGTGGGAAGAGCCCGAAACACACTATCACACATGCCTTTC
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>SEQUENCE:5876:prostate_MPM2000-004P6_Table5

AGCTGTTTCCTGTGTGGAAAAGAACGGCACACAACCCGGGGGCTTGCTTGTTTCTTGCTT
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CGTGCTCCCCCAGGCTATGTGGGTTGAGCAAACAGCAGCAGTTGCCTTGGGGCTTGGTTT
ATTGGGGTAATAGCTTTTCTTTTGGCCCTGAGACCTGGGGCAGTATGCCCAGAACCCTC
CCTCCTGCACACCCCACAGTAGGCACATTCTCCCACTGGCAGCAGATGTGTTTTCTGGCA
AGTAGAGAAAATGGCTTTTCTTGGCCCTGTGAGAGGTCTCATAAGATCCAGCCATAGCCAA
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TCCCACCTAAGTTAGGACCTGCATCCCTGTTTGGGAGCATGTGGA

>SEQUENCE:5877:prostate_MPM2000-004P6_Table5

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CTCAGCTCCGGTCCCCATCTGGCAATGTGGAATTTAGCTGTGGTGCAAGTCTTAAGGTTG
GTTTAAATCCAGCTATTCGCTGTTTGTTCAGCAGACACACACATGCACACACGTGCACA
CACAACTTAATTCGCTCACTGACTTTGCTTATTCACAGGAAACAAAGTTTGAAATCTTA
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AATGGACTAATTTTCT

>SEQUENCE:5878:prostate_MPM2000-004P6_Table5

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CAAGTGAAAAACATGGTTCAGGCTGGAGCTTTCCCCTCTCTCCCTGCTTCTCGGCGGCCA
CCTCGGCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTAT
CGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAACCTTTTGTTCCCTTTAATGAGGGT
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>SEQUENCE:5879:prostate_MPM2000-004P6_Table5

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CCCTGTCCCTGTGTTTGCTGTCTAGAGAAGCAAGCTGTCTTTAAGAAATCCAACAT
TTCTGTCTGATATGCAGAGAATCCAAGGGCCTCTAAAGGAGAATCACCAGTGTATCCCTC
CAAAGAGTCACGTGGCCTGGCTAACGACAGTCGTTCCCTCCTCTTTCTAAAACGGGAAT
ACACAGCAGAGCAGGCAGGTGGGCTGTGCACCACGTGGGGTGGCAGCAGCGAGCCCCAC
T

CCCGCAGGCCCTGCCTCACCTGAGCGGCAGCAGAAAGCAGTACCTGCCCGGGCGGCCGC
T

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ACCTCGA

>SEQUENCE:5880:prostate_MPM2000-004P6_Table5

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CCTGTCTCTACTAAGAATACAAAAAATTAGCTGGGTGTGGTGGTGCACGCCTGTAATCCC
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GCCACTGCACTCCAGCCTGGGCTACAGAGCAAGACTCCGTCTCAAATAATAATAATN
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>SEQUENCE:5881:prostate_MPM2000-004P6_Table5

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CCAGGCACAGACAGAGCCTCTGTTTTCTGCCCTCAGTCATGACAGCAGGGCCCAGTCTGG
ACATAGGTGGGCACCAGAGCTTGTCAACATGACGGAAGGAAGAGATGAACCATAGCATCT
TTCCGGATCTCTATGTATTAGCCTGAAACCCCTTTGGATCACATCTCCCTACTAAAGAGG
ACATTTGAGCAAAGACCCAGTGCACAAAGCTTAGTGCCTGTTTGACATCCAGCGGAGGTA
GCTTGTGGCAGTTGTACAGATAGAAATGCCATGGAAGGCGGCCAGTAGCTTATGGAGGC
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TTGATTTTGTGAGAACACACATATTGTTTCAGGCACAGAGAGACCACCTCCTGTTAAACCA
CTCTCCATTGTGGGTAAAGCTCAATGTCAAGGCATTCAATTACAAATGGGAGCTGGTGTT
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>SEQUENCE:5882:prostate_MPM2000-004P6_Table5

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G
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C
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ACAGCCGAGGCCTGAAGGTTACGGACAGA

>SEQUENCE:5883:prostate_MPM2000-004P6_Table5

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CTCCGGCATCTTGACTCTTGCACTCTTTGCCCTTTTCCAACCTTAGCACCTTCTTCTGTGA
GCCCTTTTCTCCCCAACGAACCTCCATTCTTTAATGCCTCCAACGCCTCTCCCACCATA
ATAAGAGGCGTCTACCGTTGGCCACTTTTTCTTAGGCAGACCATCATCATCTTCTTCCTC
ACTCTCCTCGGCAGGGGGTGGAGGGACCTCCTTGATAATCACAGTGCAGCAGAGGGGCCA
GAACCACCATAGGAGAACCAGGGCTAGGAGCAGGAACAGGATCAGCAGGGCGATGGCCA
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>SEQUENCE:5884:prostate_MPM2000-004P6_Table5

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TTCAGGGTTCTGTAATGACAGAACTTGAAGCTCCTCACTATCAGATCTTTCCTCAAGAA
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>SEQUENCE:5885:prostate_MPM2000-004P6_Table5

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GTCGGGAAACCTGTCGTGCCAGCTGCATTAATGAATCGGCCAACGCGCGGGGAGAGGCGG
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GGCT

>SEQUENCE:5886:prostate_MPM2000-004P6_Table5

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TTTCACCCCAAACAATCACTCTGAGTTTGTGAATATTTTCCGGTCATAGAAAGAGATTTC
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>SEQUENCE:5887:prostate_MPM2000-004P6_Table5

TACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACCATTCAA
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ATAAAATGAGCAAAAATGGGGTCCCTGCCCTCAAAGTCTGTGGTCTCCTGGAGACAGA
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AGAGGGGCACAGTTAAGTCTTGACATTTCAAGACTTAGCCACTTTGCAACTACCAGGTTT

Table 7
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TGGCTGCAAAGTTCCAGATGGCTTCTGTCTTTTGCAATTCATACTTTAAACCCTTGCAGG
CCCTTCCCTAACTATCAAGGGCCTGTCCCAGAAGCAACTCAAGTTTTGTTATTTTTAATT
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TCTCA

>SEQUENCE:5888:prostate_MPM2000-004P6_Table5

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AAAAGAGAAGAGTAATGCAAGGATGCTGGGTAGAAACAGCCCAGCATACAGCAGGCTCTG
GGGCACATGTTGTGGCTGAGAGAATGACGGGAAGGAGGATAGCAAGGGAGGCAGGAGTCA
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>SEQUENCE:5889:prostate_MPM2000-004P6_Table5

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TATTTTGAAACATTAAATATATCGGCAGGCACTGTGATTCAAAAAGTATTTGAGAACCTA
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CAGCACCAATAGTCCACTGGACAAATACCATCTGGAACATCAGGTAACACCTAAGCCTG
TCTGGAGGAAATCTAATTTGGGCGGAATCCCACAAGCACAGACTAGGTAAGGAGAAGGCA
GTTAAGGTGGGAAGTAGCCAGATTTAAGAGTTTGGGCAATGGCCAAAGGTGCAGAAGTTT
GAACTACAAGAAGTTCAGTGTAGTTGGTTCGTGTGTTTCCGGGGAGAGAGGACAAGGTCT
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>SEQUENCE:5890:prostate_MPM2000-004P6_Table5

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TTAAATACCCAAATTACCAGACATACAAAGGAGAGCTACCATTTTCACTTTTCAAGATAAGCC
TTGTCCATCCAGTTGGCAATTTGATTGCAGCTATAAAAATTTTTAATGATGCCAGGTAA
GAAGCCAATAAAAACTGAAGGAATTAAGAGAAAAAATAATTGTCAAACATGCCAGAAGTC
TGGAGAAAAGTGGGGAAAGCAACTTCTTGTATATCAGGCAAGGAAAAGCCTAGGGGAAGG
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>SEQUENCE:5891:prostate_MPM2000-004P6_Table5

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AAATAAGAAATAGGCAAAAGCAAATATTTTAATTTAAGTAAATTTTAAAGACTTTTAAA
CATATTTTGGGGAAAAATAGAATTGTATTAAGAAGGGCCTTTTAAATTTTCTAGGC
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>SEQUENCE:5892:prostate_MPM2000-004P6_Table5

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TCAGGGCTGCCAGCGCACCAAGTCTGCCAGTAAATATTTGTGGGGGCCTCTTGAGTGT
GCTGGTAACACAGCAGAGGCCACAGTTCAAAGATCCCGGCCCTTGTGAGCAGACATTGCA
TGGGTGGGAGCAGATGGTAAGTGAGGCAGCCACGTGAACTGCACAGCATGCGAAGGAGAG
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>SEQUENCE:5893:prostate_MPM2000-004P6_Table5

Table 7
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TGGCTTCTCGGAGAATTAGTTTAGGATATTCAGCTGCCACTGCTGATAGAATTCATCAT
CTTTGGGGGTCAGATAAGGGAGCCAAGTGTCTTCAAGCTCTTCAAGAAGCCTCAGTTTCT
TAGCTTCGCGCTCTCGTTCCTCGGCAGTCGGGGTGCCTTTCATGCTGCCACTAAAGCCGC
CACCTGCCCCGGGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATAT
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>SEQUENCE:5894:prostate_MPM2000-004P6_Table5

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CGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACC
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>SEQUENCE:5895:prostate_MPM2000-004P6_Table5

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CGTCCCCCAAATGAGGGTCTGCAGCTTGCAGTACCCCTGAGTTCCTCACCCACCAGCCC
CGTGCCGACCCGTCTAACCCGTGTGGGGGTGCTCCACTCAAATAGGCCCTTGGCAGAAAA
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GGTTTGCTCCATTTAGAAATAGATCAAACTGGGCATTCAGTAGATGGTA

>SEQUENCE:5896:prostate_MPM2000-004P6_Table5

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ACTTGTGGAATGCAGTTCTAACCTGATAATTGTGTGTTAATCGGGAGTAACAGGACAGGC
CATTACGGTTGGTTACACCTACTTATGCTAGATGCATAATGTTTGGAGCCTTCCCCACTG
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AGAGGTTGATTAGAAAACACACACATACACGTTGGTAGTCACTTGTGGGTGAAGCCTGAA
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>SEQUENCE:5897:prostate_MPM2000-004P6_Table5

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TTGATAATACAGTTCAAGTGTTCTACATTCTTAATTTTTTGTCTGGGTTTTATCTATTAT
AGAGAGTGGAATGGCCTACACAGTGGCTCACGCCTATAATCCTAGCACCTTGGGAGGCCG
GGGCAAGTGGATACCCGAGGTCAGGAGTTCAAGATCAGCCTAGCCAACACGGTGAAGCA
CCATCTCTATTCAAATAACAAAATTATCCGAGCATGGTGGTGCCACCTGTAATCCCAG
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>SEQUENCE:5898:prostate_MPM2000-004P6_Table5

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GGTCCACCACAGAGGTGAGGGCCGCGTCAATGGCCGTCTGTCCCCTCTTTAGTGCCCTGA
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CGATGGTGATTTATACAGGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAA
TTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGGCCCGGTACCCAGCTTTTG
TTCCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGT
GTGAAATTGTTATCCGCTCACAATTCCACACAACATACGAGCCGGGAGCATAAAGTGTA
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TTCCAGTCGGGAA

Table 7
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AGATATTTTCACTGGAGCTAAGACTTAAAATTAGGGCATTGAAAGGTGTATTTGTTT
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>SEQUENCE:5906:prostate_MPM2000-004P6_Table5

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ACAGTGACTACGTGGGTGTTTGTGAAAATGCACCAAGCTGTAAGTATGATCTGGACTTC
AGGAAACAGGTTACGAATAAATCACTGCAACCCAGAATCGCCCCACGACATGCCATGACA
GGAGTCACACAGTCACATCACCTACCCCAATCCGATGGCCAGCAAATGAGAGAGCAGCAG
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>SEQUENCE:5907:prostate_MPM2000-004P6_Table5

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>SEQUENCE:5908:prostate_MPM2000-004P6_Table5

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>SEQUENCE:5909:prostate_MPM2000-004P6_Table5

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TGCATCCAAAACCGAAGTG CATGTGGAACCTCATAAGAAGCAGCTACATGTGACCCTGGC
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>SEQUENCE:5915:prostate_MPM2000-004P6_Table5

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>SEQUENCE:5916:prostate_MPM2000-004P6_Table5

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>SEQUENCE:5917:prostate_MPM2000-004P6_Table5

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>SEQUENCE:5919:prostate_MPM2000-004P6_Table5

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>SEQUENCE:5920:prostate_MPM2000-004P6_Table5

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>SEQUENCE:5921:prostate_MPM2000-004P6_Table5

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A

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AGGTCCAGTTGCTTTTGAGTGCCCCGTGGAACCTTGATGGGAATGGGGTTGGAAAACCTTG
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ATACTCTTGCCCTTTGTTTTTCTTTCCTTTTTTTTTTTGGGGGGAAAGTTGGGAAAAAT
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>SEQUENCE:5939:prostate_MPM2000-004P6_Table5

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GGGAGGAGATGGAAGGGGTGTTGACCAGGCTGACCTAGCTGCTGAGGTCAAAGGCTGATG
ACCCAGAGGAAGGGGACAGGTCAGGGATACATCTCACCAGTGAATAAGTTTGTCCAG
ATTTTTTCTAAAGTTACTTCCCTTGGAAAGATACACTTGAGAGGACATTGTAGTTAAT
AATGTGAACTGTAAACAGTCGTCTACTGGTTTATTTTTCATATTTTTTAATTGAAAATTGA
GCTTGCAGAAATAGCCACATTCTACACATAGTTCTAATTTTAATCCAAATCTAGAATCT
GTATTTAA

>SEQUENCE:5940:prostate_MPM2000-004P6_Table5

GTAATACGACTCACTATAAGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGCAG
GTACACCTGACTGGGCGCCCTGCCTGTCCTGCACTGCTGTATGGAGCTGGCCCCGCCACA
CACGGATGCCTGGACACAGCCTGATGACACCTGGGCGGCTCTGGAGGGACTCTCCTTCTC
ACCGTTCCGGGAACAAATGCTAGATACGAGTTCCCTACTTCAGTTTATGAGAGAGAAGCA
GCATTTGCTGAGCATAGACGAGCCTCTCTTCCGGTCTGTTTAGTCTGCTACCTCTGAG
TCACCTGGTTATGTATATGGAAAACCTTCATTGAGCACCTGTGTCTGTTTCTGCTCATAT
CCTGGACTGTCTTTCAGGGATTTACTACCGGCTTCCGGGACTTGAGCAAGTCTTGAATAC
GCAGGATGTTCAAGATGTTCAAGAACGTTCAAGAACATTTAGAAATGCTGTTGCGACTCCT
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>SEQUENCE:5941:prostate_MPM2000-004P6_Table5

GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGCAGGTACACA
CTGATGAATACTTATAAGGCATCTTGATACTATTTGATAGGATGAATGCAAACATTGAAT
TTAAAAACGAATTCAATTCCTATAGTCCCACCTACTGGGAGGCTAAGGTGGGAGGATCG
CTTGAGTCTAGAAGTTCAAGGCTGAAGTGAGCTATGATCACACCACTGCACTCCAGCCTG
GATGACAAAGAGAGACCTTGTCTCTAAAAACAAAACAAAATTTTCAATTTTCATTGATTT
TTACATTCATCTTAACAAATCTTATCAAGAAAGTGCTCAGCAGTGTGGTAAGATGCAAAG
ATGAATCTCCGTAGTCCTTAGGTCAGGTTGCTCTCAGCTGGCAAGAAAAAATAAGATAAA
TGCACATTAGTAAGTGTAATCAACAAAGGAATTGCTGGCCAGGTGGAATGTCTCACTCAT
GTAATCCCAGCACTTTGAGAGACTGAGGCAGGAGGATCGCTTGAGCCCTNAGAGTTTGAG
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TGGTGGC

>SEQUENCE:5942:prostate_MPM2000-004P6_Table5

CTTCAGAAAGCCTTAGTGAAAGCCTGGATCAGTTGCCAGTCTTATAGAAAAGTTAGAAGG
CTACTTTGCTGAAATTTTTTGTAAGAAGGGGCTCCTGCTAAATCAGGTAAAAAATAAGA
TGAACCAAGTCATAAATATCCAAAAACAGAACTTAGCAGAAAGGCTGGTGGTAAGTATA
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>SEQUENCE:5943:prostate_MPM2000-004P6_Table5

AGCGCGCGTAAAACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAG
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AGAACAGAAAGCCACTTGAAATTAACCAAGCACCTTTTGTGAGGAGCCGATTCAAAGACC
AAAACCAAACCTTAGCAAGAGCAGCTTTGAAGAGAGAGACTACAGAATCAGAAAAATATAT
ATATGAGAAGAAATCAGAAACCGAGAAAATGGAGACTATTGTGATGCAAGAAAATAATGA
ACAACTGATACTCTCCCTTCTCAACATGTGAGTGTATTTGAGATGGAAGTTCTGTGTGG
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>SEQUENCE:5944:prostate_MPM2000-004P6_Table5

AGCGCGCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAG
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TGGGCGGAGTGCAGGGCAGGGTGGCCTGGGGTGGAGGCTGCAGGCAGGCCAGTTCCCCA
T

CCAGCCTCAGCCTCCTTCCTGCTGGGGAACCAATCATAGGGGAGGAACTGAGCTTTTTTC
CTTACAGCCACCTCAGGCTCATTGGCTGGGCCCCCTGTTAAAAAAAATACAAAAAAGGG
GGGGGCAGATTAACCATAGAAAAGTCTGAGCATGTATTTAGCATGTGTTACGTCACACTG
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>SEQUENCE:5945:prostate_MPM2000-004P6_Table5

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AACTGTTCCACCTGCCTCAGCCTCCGAAAGTGCTAGGATTACACGTGTGAGCCACTGTGC
CCAGCGTGTCCCTAACCGAGGCAGCAGCGGACGTGAGCGATAATGGCGGATATGGAGGAT
CTCTTCGGGAGCGACGCCGACAGCGAAGCTGAGCGTAAAGATTCTGATTCTGGATCTGAC
TCAGATTCTGATCAAGAGAATGCTGCCTCTGGCAGTAATGCCTCTGGAAGTGAAAGTGAC
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>SEQUENCE:5946:prostate_MPM2000-004P6_Table5

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GATAGGCTGAGGCTTGGGGCCCTTATGGGATCCTCCCTCATCAGCCCTTCTCCCTGGATA
CCAACTTTTTTGGCTGGTTTCTCGGCTAACAGCAAGGCTTTCCTGAACCCTTTCTTAGCT
GGGGAAGGGAGGTTGAGGAGGGAGTCTCAGAGCCTCTGACAAAGTTAGGGAACCCGAGGG
AAGTAATGAAGGGGGCAATGCCATCCTCTGGTCTTTCCAAACAGGGAACACCTTCCAAAG
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>SEQUENCE:5947:prostate_MPM2000-004P6_Table5

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CTTCCATCTGGAGTTCATTTCCACCTCAGGATCAAAGACCACAGGGACAATATCCTTCA
ATGATGATGGCAACCAAAAATCATGGAACGCCAATGCCTTATGAACAGTATCCAAAATGT
GACTCACCTGTCGACATCGGATATTATTCCATGTTGAATGCATACTCAAATCTGAGTCTC
TCAGGCCCACGAAGCCCTGAAAGGCGTTTCTCCTTATACACAGATTATAGAATAAGTTCC
GTAGCTTCTGACTGCANCAGTGAAGGGAGCATGAGCTGTGGGAGCAGTGACTCCTACGTG
GGTTACAATGACCGGTCTATGTCAGCTCCCCCGACCCACAGCTAGAGGAGAATTTGAAG
TGCAACA

>SEQUENCE:5948:prostate_MPM2000-004P6_Table5

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TTTTTTTTTTTTTTCTTTACTGAGACGGAGTCTCACTCTGTGCGCCAGGCTGGAGTGCACT
GGCGCGATCTCGGCTCACTGCAAACCTCCGCCTCCCGGGTTCACCCCTTTCTCTTTATTCTT
ATCCCGGTGCACTCGCCCCCTCCTCCAAGATATCTCTCTGTTTTATTTTATTTGATTTT
AGTTCTCTTTGGGTGATCGCTCCTTCCCTCTTCAACGGATCCCTCCCGCCTCCATCCTN
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>SEQUENCE:5949:prostate_MPM2000-004P6_Table5

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CACTTTTTATTTTTATTTTTGTATTAGTATATTTGGGGCCAGGCGCAGTGGCTCATGCC
TGTAATCTCAGCACTTTGGAAGGCCGAGGCGGGCGGATCACGAGGTGAGGAGATCAAGAC
CATCCTGAACACAGTGAAACCCTGTCTCTACTAAAAATACAAAAAATTAGCCAGGCGTGG
TGGCAGGCACCTGTAAGGTGCGGTGGCTCACGTCTGTAATCCAGCATTTTGGGAGGCCA

Table 7
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AGACGGGCAGATCACCTGAGGTCGGGAGTTCGAGACCAGCCTGACCAACATGGAGAAACC
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TACTTGGGAGGCTGAGGCAAGAGAATCGCTTGAAGCTCANGAGGTGGAGGTTGCANTGAGA
CAAGATCGCGCCATTGCACTCCAGCCTGGGCGACAAGAGCAAACTCCATCTCAGGAAAA
AAAAAAA

>SEQUENCE:5950:prostate_MPM2000-004P6_Table5

ATAGCTGTTTCCTGTGAGGGACGAGCGGCCACAACCTACGGGGGCTTCCTTGTTCCCTTGGT
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TGATTCCCTGGTGAATGGTGGAGCGGTCTGAAAGCTGGGAAGACCTCTTTCTGGCACAG
CAACCGGGGCAGAGGTGAGAGGAGAAGGGCCTCAGCAGTGTCTGGCCTTTTGGGTTTCAT
CCAAAACCTTGCCGGTCTGGGCCTGCTGGGAGAGGTGAGCCCTTTTCAAGGTGAGCAGCTC
TGGGGCCGGGTGACCCACGCCACCGTGTGCGGCACACAGTGGTGCTTCGTTTTCTCACT
CCTGGGGGCCACAGCCTTCCTGCTGCGGTTCTGCCTGGTGGGTGGGTCCATGCTGCTTTGA
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>SEQUENCE:5951:prostate_MPM2000-004P6_Table5

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AACCAAGTGATGATCGTCTGGAAGCTGCATTCCCTCATTTCCACTGTTTGGTGTGAATCT
AGTCTCCCCACTTTATCTAAAAGGAGGCTAGCAGGGCCCCAGCCTGAGCAGAGCAGCTAG
AGAGTGCTTCCAGATTCTTTGCCAAAGGAGGCCCATTTTCCAGCTGTGAGTGACATCTG
TAGTCATTGGCTTCATTGCCTGGCACTAGCCCTGTCTAGAAGTGGAGAAAGCTGGATCAC
AGCTGGACCACAACCAGCCCCAATCCAGGATTTCCCATACCATGCTGGCTGTGGGCTCTG
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AACATGGGGT

>SEQUENCE:5952:prostate_MPM2000-004P6_Table5

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CAAAAAGCATAGTCCTTACCGACTTACACCAATGAGCATGCCACAGACTCCAGCCAGCTC
TAGCACATACAAAATTTGAGTAAGGAATACTATAACCCCTATTTTACTCCTATACCTTTG
CTAATGACACCTCTAAAATCTGCAGCCATATATCAACACCTTATTTACCATATTGAATA
CACTCACAAGTCAACCATCTAAAGGTCAGGCTCCTAATCAATAGTGCTACTGTGGATTAG
ACAAATTAACAATGTAAAGTGATTAAAA

>SEQUENCE:5953:prostate_MPM2000-004P6_Table5

CTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTCAGCAGTTAAA
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ACAGGAGTTCCGTGGGCCAGGAATGGGCTCAGGGAGTGGGGCTGCGTGTACACACAGTA
GCTGTGTTGCAGTGGCCTAGGGCCTTGGGGGTTGTCTTTAGGAAACACCCTGAGGGGAAG
CAGGTAAAGAGCCTGGGCAGTATTGTGACTAGTTTCATTGTTTTCTCCTGCTGAGGTCT
AGCAGAGCCCTTGCTTTGTCCTCTCGGCTGGGTCTGGCTGCCAGCTGGTGTGATTTGAGA
AACTGACCTTACGCGCAGTCAAGGTCCAGCTGACAAGGCCTTGATTCTTGGCTGGCCG
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>SEQUENCE:5954:prostate_MPM2000-004P6_Table5

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TCGGCCGCTCTAGAACTAGTGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCG
ATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTA
ATTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGGAGGTAATTGCGCGCTTGGC
GTAATCATGGTCATAGCTGTTTCCT

>SEQUENCE:5955:prostate_MPM2000-004P6_Table5

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GGATGCCCGTTAACTAAAAGCTTTGCAGAAATAAGAAGTGGCTGCTCCTGTTAGAGCGGC
TTGACTAGCTGGTCCACTCCGGGCCTCAGTCTGGGGGGCTGGCGGGCAGGTTCAGCCTC
TCGCTGATCAGTGTGCCTTGGATTCCATTGGATCTCTTAGTCTGGCCCTCATTTTTCAAG

Table 7
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CTAACAGAACTTTCTGTCGTGACTTTTGGCGTATGCTACCTGGGAGGAAACGCAGTATT
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TCCCACGGCCAGCTGTTTCAAGAGGATCTTGACGCTCTTCTTGGGTGACGGACCCAGGAGA
GTTTCATCCTGCAGGAACCCGTGGCCTCAGGCTTCCAGGAGGGAGGTTAGAGAAAGGGAA
GGAGCCCAGCT

>SEQUENCE:5956:prostate_MPM2000-004P6_Table5

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CCAGCAGGTCCTGGTGTAGGGACCTCCCTCAGTAAACATTTTATGGATGAGAAAACGGAG
ACTCCCGAGCTCTCTCTGGCTTCACGCATGCCGTGCCCGGTGCCTGGGTGGCCTTTTGTG
ATGGTGCTGGCAGACTCCTAGGCATATTTATAATCGCTACCTGCTCTGTGCTAGACACTG
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CAGGCATGAG

>SEQUENCE:5957:prostate_MPM2000-004P6_Table5

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T

CGGGGGTTTCGTGCGTGACGAAGGGTCTTCACTCAAGTAAAATGGCAGCGTCCTCCTTC
CTCTTGAAAACATGGGGACAAAAAGGGACCAGGATCTTCCCAGCAATCGGCATTCTCATC
GCCCTCTGGACTGCTTGGAGCCCGCCACCTGTGCTTTTAACTCATACCTGAGAAACACG
GCTGGTGTTTTACTTAGATTTTTAAATTTAAATGTCTAATGGAAGATAAAGACTTACCT
TCCCCAGGCTAACGCTTAAAGAATCTCAATTAACCTCAAACTAATGTCAGAGGGAATGGA
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>SEQUENCE:5958:prostate_MPM2000-004P6_Table5

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ATGAGCCTATGACCCCCCACCCTCCTGCTCTGGAAATGCAGGCAGCCCATATAAGAAG
CCTGGTCACATGCTGTTCTTCTTGGCTTCCCCCTAAGTCAGCATCTCTAGGCAGGGGTCTC
CCCTAACTCCAGCTTCCCAAAAACCCCCATTACCTTTCTTCTGAAGCCATGATGTGGCG
GTGCATCGACTTGTAATTCTAGCTGAACTGCCTGTTTTTTAGGTTTTTTTTCCCAACCA
TCTTAACTGATTAAAGTATCCTATCAGTCCCCAAATATCAAGAAGCCCATTTCCAAATGT
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>SEQUENCE:5959:prostate_MPM2000-004P6_Table5

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CAGAGCTGAACGGCGGCGTGAGTGCTCCGGTGCTTTGGGGCCATGATTAGGTAAATAAGA
GTGGCTTGAACATGGCACTGTGATATGGTGATGGGGGATGTGGGAACACACCGGCTGCT
AAGTGATCAACAGGTGGTGGCATGAATAGCCTGGACACGCTGGACAAAGGTTATGTCTTA
TGAAGTCAAATGGTCAATTTCTGATGCTCATGTGCCTTTGGGCTTCCCCAAACACCACC
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>SEQUENCE:5960:prostate_MPM2000-004P6_Table5

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GCTTGAACATGGCACTGTGATATGGTGATGGGGGATGTGGGAACACACCGGCTGCTAAG
TGATCAACACGCGGTGGCATGAATAGCCTGGACACGCTGGACAAAGGTTATGTCTTATGA
AGTCAAATGGTCAATTTCTGATGCTCATGTGCCTTTGGGCTTCCCCAAACACCACCCT
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>SEQUENCE:5961:prostate_MPM2000-004P6_Table5

ATAGCTGTTTCCTGTGTGGAAAACAACAGCCCCACCGCGGGGGCGGCCGAGGTACCCTCT

Table 7
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GATAACACTGAGGCAGACTATTTTCTAATAGGGGAGGAGTTCTCTGCATTAATATTCCAA
CAGATTCTCTTAAAAGAGGAATAACACTTACAACATAAGAATGGCTATAAGAATTGAAC
AGATAGGATCTGCTATCATCAAACCAAATTTTGCATCATGATGGCAGAAGCAATTACAC
CAATACTTCCAAGTGTATCTGCTAGGATATGTAAAAATACACCTTGTAATCTGTCTGC
TGGGTCCTGTTGTTTCTTTAAGGACGGGCCATCATGAGAATGAAAGTGTCCATGTCCAT
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CATGGCCATGTGCCTGATCTAGAGCACCATTAAAGAGGGAATGACTGTGTCCGTGGCCAG
AGCCATGAGAATGTCCATGACCTCCATGTTTGAAAACAAATATTCCTATTAGGTTTGCCA
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>SEQUENCE:5962:prostate_MPM2000-004P6_Table5

CGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACTGCGATATC
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CAGTGTATACCACCATAGCAATAATGGTTAGTAAGATGGTGTAAACATAGATCGCTCCC
AGGGCTCTAAACAGCACAGCAGCTAATGATTTGGTATTGATAGTAGAGCCAGGAGAAAT
ATTCCTTCACACGCCTCAAATCCATGGTTGGCTCCTTCAAGCTGCAGTAAGTTTGTCCCA
AGAAAGTCCAGGTCTGGTTCTTCAGCCTTGCTCCTTCGCGAAATGATCCTGTGTGGGTTA
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>SEQUENCE:5963:prostate_MPM2000-004P6_Table5

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CCACCGTCTTCCTGTGCACAGGAAGTATGACCTCACGGGTTCCCTAGTGTCCCGGGAAGC
CAGCGATAAGGAAAAGGTTAAAGAATTGCCACCCCTTAAGGATATGGACTTTCTCAACAA
GAACCAGAAAGTTTATATTGGTGAACAGGACAAGAAAATATTTCTGGAAAACTGAACAG
AGATGTGGAGTTTCTAGTGCAGCTGAAGATCATGGACTACAGCCTTCTGCTAGGCATTCA
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GGTGGATGGGGACTGCAGCCTGACTGGA

>SEQUENCE:5964:prostate_MPM2000-004P6_Table5

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ATTATGGATGACCTCATCAGCTCCCCAGGCAAAAACAAAAGTGGGAGGGGACACATGCTC
ATTATCAGGGTGCCCTCGGTGCAGCTGGCGATGTTAGCCAAGGAGCGGCTACAGGAGGTG
CGCGACAACTGGGTCTGCAGTATCGGTTTGAGATCATCCTTGGGAACCCGGGCCACCGAA
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>SEQUENCE:5965:prostate_MPM2000-004P6_Table5

ACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCCGGGCAGGTAC
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>SEQUENCE:5966:prostate_MPM2000-004P6_Table5

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CACAGGAAGTATGACCTCAAGGGTTCCCTAGTGTCCCGGGAAGCCAGCGATAAGGAAAAG
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ATTGGTGAAGAGGAGAAGAAAATATTTCTGGAGAAGCTGAAGAGAGATGTGGAGTTTCTA
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>SEQUENCE:5967:prostate_MPM2000-004P6_Table5

Table 7
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ACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACT
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GGGCTTCTTGTTTGCTGCAGCATGTTTCACAATAATATTTTTGTTCACTACACAGTGTTT
CTGTGTTGCTGAAGTCTCTTAGACAGTGGGTAATGGATGTATTCTGCTCCACATCAACAG
AACGGTCTAGATAATTTTCATCTTTGCTACTAACAGTTTCACAGTTCAAGCATCGAGTTT
CATTGGTAAGCGTTCCCTGAAAAATCTCATGGACCCACGTGAGTTCTGGTTTATTATTTT
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>SEQUENCE:5968:prostate_MPM2000-004P6_Table5

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TGTTGGAGGCCCTCTGGAGGATTATAAGAACGGAGGGCCTATGGAGGCCCATGAGGGGGC
TGAAAGTCACAGCAACAGGCGCAGGGCCTGCCACGCCCTTTATTTTGCCTGCTGCGAAA
AGTTAAAAAAGACATTGAGTGATGTAATCCACCCTGGGGGCAATAGCCATATTGCCAATG
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CAGTGCTTT

>SEQUENCE:5969:prostate_MPM2000-004P6_Table5

GACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCCTGGGCCGG
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GGCGGCAGAATTACAAAACATTCTCAGAGAGACTGCAAAGGACACTTAGCTCTTCCGGAA
TGAAAGCACGCAACGCAGCATAAAAAGCATCGAAACCCCAACAGCAGAGTGTTAAAGGC
AATTGCTTCCAGGTAGTGACGTAGTAGAACC GCCGGGGCCAACTCAATGTCTGATGAGC
AGCCAACATGAGAACGGGGCCACCTGCAAACACCCAGACACCTCCAAGTGTGATCATC
GCCTGTCAACTCAGAGTAACTCATGGAGAAATTGGGGCGAGCGCTAACCTCAAGATCGG
GCAACATATGGAACCCAAAGAAAGAGCGAAGGAGGCCCGGGCCACAGCACAGTGTAT
GGGAAAATGACATTTCTGACAGCAAAGTGTTAATCACAGGGAGGGGTGTTGAGAGCCTC
CCAGGACCGACTTCCTGCAAGTCAGCATCAGACGGTCCACTGCGCCACTAGTGGGAATT
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>SEQUENCE:5970:prostate_MPM2000-004P6_Table5

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>SEQUENCE:5973:prostate_MPM2000-004P6_Table5
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>SEQUENCE:5974:prostate_MPM2000-004P6_Table5
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>SEQUENCE:5980:prostate_MPM2000-004P6_Table5
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>SEQUENCE:5981:prostate_MPM2000-004P6_Table5
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>SEQUENCE:5983:prostate_MPM2000-004P6_Table5
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>SEQUENCE:5985:prostate_MPM2000-004P6_Table5

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>SEQUENCE:5987:prostate_MPM2000-004P6_Table5

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GGCCTAAATCCTTTGATGCCACACTGAGGAAAGTCCTTCCCAACGTGCTTAGAGCATCTG
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>SEQUENCE:5992:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6001:prostate_MPM2000-004P6_Table5

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CTTGTTGTGGACCAATGTGAGAAGATGAGCTTCCTGGGAATTCATTGTTTTGCTTGTGGC
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CCGGGGTCCACCTGGTCTGCAGACCCCATATAACCAGGAAGAGCTGGGTGTTCTGGCACC
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ACACAATAGGAAAAATAATATGTTGAGAATCACTAAATTTTGAAATATCAGCTTCAGGTA
AATGCACATTACTATAAAGATGAAGAATTAGGAGGGGAGTCTGAAATAATTTTCATGCCTG
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CAGTTCTATGGCCAAAAAAATACATATAATGAAAGCTGTGTGCTTTAACATTTTATTATG
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GGTGGCCAATGTCTTCCTCGAGTCACTTTTCTATGATGTGAAGTTACAATACGCTGTTCC
CATCATCAACCAGAAAGGAGAGGTGGCAGGTGCGCTGCACGTGGAGGTGATGCGACTCAG
TGGTGATGTTGGGGAGAGGATCGCAGGAGGCGATGAGGTGGCAGAGGTCTCCTTTGAGAA
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AGCGGGCCCTGGGAATTCATGCTGAAACAACAAGCGGCCAGTTCTGCTTCAGGCTGCCG
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AGGCTTCCAAGCCTACAACTACGGGTGACACACCTGTACCTCGGCCGCTCTAGAACTAG
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CCAATTTCTGTTACCCACAAATGCCTTTGGAGCCCGGAGAAATACCATAGACTCCACCTC
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CACCCAGGGGAGCCTCGACACAGGTAGTGACCTGGGAGACTTTATGGACTATGACCCAAA
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GACCTTCAAGGAGAAGTTTCCTCACATTAAGCTGACACTCAGCAAAATTAGGAGTCTGAA
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AGAAGTAGTGGATCCCCCGGGCTGCAGGAATTCGAAATCAAGCTTATCGATACCGTCGAC
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TTGTGATTCATTTTCTTAATCCAAATATATATAAACGTGTGTGGTCTTAANANAAAAAAA
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GATGCTTGGGGTGGCGTGGGCTTGCAAGGCGCTGCTGGTTTTTGCCGGGGATTACTATC
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G

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CGTGCCGTCTCCATTCTTCCGTCTTGGTGGCTGCCTTTCCTGCACTTCTTAGACCAGTA
ACACCTTACCTCGGGGCTCAATGGTCTCTGTGAAGAGGGAATGGACTGAGGGAAAGAGT
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GAGGCATTATCCAAGAAGAGCAGGATGTATTAGTGAAGTGCACAGATTCTGCCTTGGCCC
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AGGTGGCCAACTACTCGGTTATAGCACACATGCTGACTTCGTCTTGAATGAACACTG
CAAAGAGCACAAGCCGCGTAACAGCCTTTCTAGATGATTTAAGCCAGAAGTTAAACCTT
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>SEQUENCE:6018:prostate_MPM2000-004P6_Table5
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>SEQUENCE:6019:prostate_MPM2000-004P6_Table5
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>SEQUENCE:6024:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6025:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6027:prostate_MPM2000-004P6_Table5

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GAGCCCTTGGGACACAGCATAGGCGCCTGGCAGAATTGGACTGGGCCATGACCCAGGGCAT
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>SEQUENCE:6031:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6032:prostate_MPM2000-004P6_Table5

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GTGAAAGGTATACACAATTGATGAGATACAGCTTGAAAAATGCCTTAAGATACATGAAGT
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CAAAAGAGGCTGGGTGCAGTGGCTCACACCTATAATCCTAGCACTTTGGGAGGCCGAGGC
GGGTGGATCACGAGGTCAGGAAGTCCGAGACCATCCTGGCTAACCCGGTGAAACCGCGTCT
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>SEQUENCE:6033:prostate_MPM2000-004P6_Table5

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GACCCAGCAGGCAGCACAGAATGTACTTAACAGAACTTTTGTTCGCACAATACGAGAGG
CTTGAAGAAGTGGAGCCCTAGCTGGGATTTCGCTTTTTTGAGGCCGGCGTTGCCCTGCCCT
TTAGGGGTGCCACGCTCTAGCTGCGGCCCGGCTCCCTTCGCATTGTCGTTAGAGGATG
GTGTGAAGCAACAGAGATCCTTAGCTTTCAACGAATTCATATTTGTGATTTCTGTTTGT
CAAAACCTTCTGCCCACCTAGGAAGTGGTGCTGGCCAAGCAAGTTTACTGTCTGTCCA
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>SEQUENCE:6034:prostate_MPM2000-004P6_Table5

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GAATCTGTGCAGTCACTAATACATCCTGCTCTTCTTGATGAATGCCTCAGACCATGTGG
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GCTTGTGACAGGGTTAGCAAATGTTCCCTGAGAAGAGTCAGCCAGTAATTATTTGGGGCT

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TTGCATAAGGGCCCGATGCAACCTCTGCCTTTACAGTGCAAGAACAGTAGAAAACACATA
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>SEQUENCE:6035:prostate_MPM2000-004P6_Table5

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GCTCTTCAGACTGTTTACGGGATCTGCTCACTTGGGTCTCTAGCCTTTCCAAGTGAGCTA
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CCCAAGGGCCTTCCCATGAAGTTGTCTAGGCAACCGGTGATAGGGACTCCAATGTCCTTG
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>SEQUENCE:6036:prostate_MPM2000-004P6_Table5

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CCTTGCTTGTCTTTGACCCATCAGCATGGAGCACAGTGGTTGCTGTTTGGTTCTGCAGG
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>SEQUENCE:6037:prostate_MPM2000-004P6_Table5

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CCGCAGGAGCGAGGGTCGCAGAGCTGGGGGATTTCAAGTCTCCACATAGTTTTGGAGCCGG
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>SEQUENCE:6038:prostate_MPM2000-004P6_Table5

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C

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GGCACTGTTTCAGCTGCATTGCATAAGGCTTGACAGGACATTCTCGATTGTGTTAGCTTC
TGAGTACAAGCCTCACCAAGGGCAACCCCAGAAAAGTGAATGAGTTTGTCTTCTCCAATC
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>SEQUENCE:6039:prostate_MPM2000-004P6_Table5

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TGAATTTTCTTTAAGAGACAGCAGAATTCTAGGACCAGGGCCCTTGGCCCAATTCTGTAG
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>SEQUENCE:6040:prostate_MPM2000-004P6_Table5
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G
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>SEQUENCE:6041:prostate_MPM2000-004P6_Table5
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CAACAATCCTCAAACACTGCACTCCCCCAAGACTGCATAATAAACTCATTCACTAAGG
TATTAGCAGTTCTTCATGGAGAACTCTTGGGTGGGGAGCCAAGCTCTGAAAAGCCCCGTG
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>SEQUENCE:6042:prostate_MPM2000-004P6_Table5
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GTCACCTTCTTCAGCTATCTGTTCTGTGTCAGTGTCACTGTCATCAAACTTTATGTCTTTAAACCA
GGATGGCTCAGAGTGTCTTCCACGGAGTTCACTGAGTCACTGTGCGGAGAAAGGCGTCTC
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AGATCAAAACGC
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TCACTACTACGTGATAGTAAATCCCCGACAAAACAGCAGCGCCTTGCAAGCCCACGCC
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AACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCT
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>SEQUENCE:6044:prostate_MPM2000-004P6_Table5
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CAGGCAGGAGTCCAGAGCAGCCGGTGGTTAAGGACGTGCCATAGATCCAACCCTCGCTGG
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TATCCCGAGAAAATATGGTAGCCACCCAGTCCCACCCTAGCTTGACGTCAATGTTCTGGG
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>SEQUENCE:6045:prostate_MPM2000-004P6_Table5

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ATTGAACTTTGAAGCAAAGGCCAATATCATAGGCCTTGAGTGTGAAATCTTGTGCAGAT
TACAAATATCCCTATTCTCTAAAGTATGCTGGACTAATAATTGTTAAATAATTGACTTGT
AACATGTGCTTGCCAGCTGACTTTCTTCTCTAAGGCATCCTAAACTAGGGAAATGAGAC
TACTGGATTCTATTCCCAGCTCTGCCACTTGATGCTATATGACCCTGGGCTGCCACATT
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>SEQUENCE:6046:prostate_MPM2000-004P6_Table5

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AAGTAGCCCTGGAAACACTGACAATGAACTCTAGGCTTCACTGGAGAGATCTCGGCACAG
ACGAACCCTCTTGGCAGAAGCTTCCACCCACACTTGGGCCTGGGCCTGTCCATCATTCA
CTGTGGATGGGGCCTGGGGCAGGGGTGGTCTTCAGAGCTCCAGAGAGTTCCGAGGTGC
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AATACTAAGATAGAAAACAGACAGGGTCAAGGCTTACTTAGACACTTGTTCTTAAAGATG
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>SEQUENCE:6047:prostate_MPM2000-004P6_Table5

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ATTATGTGGAAGAATTACACAAATGGCGGTGTCCTGATTATTATGAGAATAACGTCCACA
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>SEQUENCE:6048:prostate_MPM2000-004P6_Table5

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CATGCCAGACACCTTCTCCTATGGTGGGCATGAAGACTTTTCAAAAATGATTGATGAAGC
TGAGCCCCTGGGCTACCCAGTCGTGGTGAAGAGCACACGAGGCCACCGGGGAAAAGCTGT
TTTTCTGGCAAGAGATAAACATCACCTCTCTGACATCTGCCATCTGATCCGCCACGATGT
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>SEQUENCE:6049:prostate_MPM2000-004P6_Table5

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AGAGAGAAGAGGGGAGTGACTTTATGTCTTTGAAAAGTAATAAGGATTTGCTTGATTCA
AGTCATGATACTGAGGCTGAGTATATTGGCTAGAAATCTAAAGGGATGCGTGAGGCTGAA
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>SEQUENCE:6050:prostate_MPM2000-004P6_Table5

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CTCTGCCCTGGGCTTTCCTAAGACCTCCACAGGCTGGGACATTCTGAGATTCTGAGCTC

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TTAGGTCTGTGCTGAAGCAATCTGAGTATGAAGAGCAGCCCTGCCCTCCAGCCACTGTGG
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CAGGT

>SEQUENCE:6051:prostate_MPM2000-004P6_Table5

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C

CTCTCTTCCTCTATAAGAGGAAATGGAAAATGCAGGGTGTGGAATTGCCCTTTGGGGTCC
TTCCTTAATTGAAGGCCACCTTCTCACAGGTTTCATTCTGCAGGGATTACTGGAATCTA
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>SEQUENCE:6052:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6053:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6054:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6055:prostate_MPM2000-004P6_Table5

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CATCTTAGGGGCACACTCAGATGCACCCCATCGCAGTAAGCAGCAGCTGTTGTCCTGGGT
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>SEQUENCE:6056:prostate_MPM2000-004P6_Table5

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TCTGGTGAAGTTGGCTGCTACGTGGCTTCTCGACCCCTGACCAAGGACAGCAATTATTT
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ATCGATA

>SEQUENCE:6057:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6058:prostate_MPM2000-004P6_Table5

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CTCCACGCTTCGATTTGCTCTCTCTGGGGGCATATGTCTCTCTGGGGGGACAAAGGGAG
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>SEQUENCE:6059:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6060:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6061:prostate_MPM2000-004P6_Table5

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GATGGGACACACCTAGTCTTTCTTCAAGTCCCTGGATTCAAAGAGCTTCAACCGTTCTTG
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>SEQUENCE:6062:prostate_MPM2000-004P6_Table5
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>SEQUENCE:6063:prostate_MPM2000-004P6_Table5
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>SEQUENCE:6064:prostate_MPM2000-004P6_Table5
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>SEQUENCE:6065:prostate_MPM2000-004P6_Table5
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>SEQUENCE:6066:prostate_MPM2000-004P6_Table5
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CTTCACGAACACAAGATCGTCTACAGGGACCTGAAGTTGGACAATTTGCTCCTGGACACC
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TCGTA CTGAGGAAATATTTTGTAAAGTGAGCTTTGGGTATAACTTAGCCCCATCATTATT
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>SEQUENCE:6067:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6068:prostate_MPM2000-004P6_Table5

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AGACAGGCGATGGGAAGAAAGAGAACACAGCTATCTTTCCAAGCTGTGTGCAGCATGGAG
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>SEQUENCE:6069:prostate_MPM2000-004P6_Table5

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CCTTTAGCGAGGGTTAATTGCGCGCTAGGCGTAATCATGGTCATATCTGTTTCACTGACG
GTGATGATGATGATGATGATGATGATGATGAAGATGAAGAAGATGGAGAAGAAGAGAATC
AGAAGCGATATTATCTTAGACAGAGAAAAGCTACTGTTTACTATCAGGCTCCATTGGAAA
AACCTCGTCACCAGAGAAAGCCCAACATATTTTATAGTGGCCAGCTTCTCCTGCAAGAC
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>SEQUENCE:6070:prostate_MPM2000-004P6_Table5

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CTGCTGCTCTCTCATTTGCTGGCCATCGGATTGGGGTAGGTGATGTGACTGTGTGACTCC
TGTCATGGCATGTCGTGGGGCGATTCTGGGTTGCAGTGATTTATTCTGTAACCTGTTTCCT
GAAGTCCAGATCATCAGTTACAGCTTGGTGCAATTTTCAAAACACCCACGTAGTCACTGT
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>SEQUENCE:6071:prostate_MPM2000-004P6_Table5

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CAATTGCTTCCAGGTAGTGACGTAGTAGAACC GCCGGGGCCAACTCAATGTCTGATGAG
CAGCCAACATGAGAACGGGGCCACCTCCAAACACCCAGACACCTCCAAGTGTGATCAT
CGCCTGTCAACTCAGAGTAACTCATGGAGAAATTGGGGCGAGCGCTAACCTCAAGATCG
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>SEQUENCE:6072:prostate_MPM2000-004P6_Table5

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AGCGGGCCCTGGGAATTCATGCTGAAACAACAAGCGGCCAGTTCTGCTTCAGGCTGCCG
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>SEQUENCE:6073:prostate_MPM2000-004P6_Table5

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GGGGGAAATTCTGCAGGATAGCCTTAATTCTTGAAAGCTAAAGTATGTCTGTGGATATAA
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TGGTTTTCAAGAACTTACTTCCCAGGAGTTTGAAACCAACCTGGGCAATATAGTGAGACT
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>SEQUENCE:6074:prostate_MPM2000-004P6_Table5

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AGATCAAGAACTGTTTATAGCTTTAGCAAATGGAGACAGCTTTGTGAACTTCTTCACAA
GCCACTTATACCCTTTGGCATTCTTTCTTTGAGCACATGGCTTCTTTTGCAAGTTTTCC
CCCTTTGATTGAGAAGCAGAGGGTTCATGGTCTTCAAACATGAAAATAGAGATCTCCTCT
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>SEQUENCE:6075:prostate_MPM2000-004P6_Table5

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GAGGTGGCGGTGGGCGGAACCTCCTAGCGGACACCTCGTGAGTCCGGCCGCTCTAGA
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GGGGGGCCCGGTACCCAGCTTTTGTCCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTA
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>SEQUENCE:6076:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6077:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6078:prostate_MPM2000-004P6_Table5

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ATCGCTTCTGGGGGCCGGGCTGGCTGTTGACCCTCAGCGGCTGCATGGGCTGGCAGATGA
TAGTAAGAGGAGTCGTCTCCCCGAGCCCCTGGTCCTCATAAGGCCGCCTCTCCAATACTC
CATCCCCAAACGTGAGAGAGTTGGACGACGATGTATTTAAGATTGAATAAGAACCATGAA
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AGCCGGTGGTTAAGGACGTGCCATAGATCCAACCCTCGCTGGTGCTGGTCTGCTCCATTG
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>SEQUENCE:6079:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6080:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6081:prostate_MPM2000-004P6_Table5

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CATGAGCTTCTCCCCAGGCTGAGCTTTGACCCTCCCAAGCATTTCCCCAAAGGCCATGAC
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>SEQUENCE:6082:prostate_MPM2000-004P6_Table5

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CCTGGGCCTCCCAAAGTGTTGTTGGGATTACAGGCGTGAGCCACTGCGCCCGGCCTNTTA
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>SEQUENCE:6083:prostate_MPM2000-004P6_Table5

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TAAAACTAATCCCTCTTGAGCTGATTTATAATGTGTGTATATAGCCACACATAAAAAGC
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>SEQUENCE:6084:prostate_MPM2000-004P6_Table5
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>SEQUENCE:6085:prostate_MPM2000-004P6_Table5
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>SEQUENCE:6088:prostate_MPM2000-004P6_Table5
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>SEQUENCE:6089:prostate_MPM2000-004P6_Table5
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GCCATTCTGTGAGCGCACCAAAGACAAACACCACTAATGCAGAAGAGCACATGCCAAAAG
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>SEQUENCE:6090:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6091:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6092:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6093:prostate_MPM2000-004P6_Table5

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C

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>SEQUENCE:6094:prostate_MPM2000-004P6_Table5

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AGACTTTGCTCTGGTTCTGTAATATTTTCTGGTAGTCAGGTTTTGTATTAAGAACTTCAT
TCTGAGAAGACCCAAGATATGTCATAGGTTCCACCTTGACCTCAGTAATTTTGGCCTCAG
TTGATCCTCTGGACAATATCTCTTTAGCCTCCTGCTGGTCGTGAAGCAAGAGCTGATCCC
AAGTGTGACGTTCTAAAGAAAACCTTTGTTATGTATTCCTTCATCTCAGCCACAGATGCTT
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>SEQUENCE:6095:prostate_MPM2000-004P6_Table5

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CTCAGCGGCTGCATGGGCTGGCAGATGATAGTAAGAGGAGTCGTCTCCCCGAGCCCCTGG
TCCTCATAAGGCCGCTCTCCAATACTCCATCCCCAACGTGAGAGAGTTGGATGACGAT
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ATGTAATTCTCAGGCAGGAGTCCAGAGCAGCCGGTGGTTAAGGACGTGCCATAGATCCGA
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>SEQUENCE:6096:prostate_MPM2000-004P6_Table5

GAGCTCCACCGCGGTGGCGGCCGAGGTACAGCAGCGGATCCGGTCATCGTCCTTCTCATC
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CTTGTTTGCCAAGGGAAGGCTGATGAGCTCCATACTTCTTGACATAATAGACCCGCA
GAGGCGGCAGTGGTGGCGGCGGTTCCGGATGCTGAACCTATTCCCACAGTCTGGACAGAA
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>SEQUENCE:6097:prostate_MPM2000-004P6_Table5

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CCGGTAGCCAGCTGTGCCCTGAGGTGGAAGAGGACCGGCCACCCAGGAATTTTCCAACAA
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TCACTACTACGTGATAGTAAATCCCCGACAAAAACCAGCAGCGCCTTGCAAGCCCACGCC
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>SEQUENCE:6098:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6099:prostate_MPM2000-004P6_Table5

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GCAAATGATAATGGTCAAAATATGAGCCTGCACCTGTAGTTCAGGCCAGTATTCCAGCTC
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TGACCCAAGCTGGGCCAATCAGGGTCCTCTTAAGAGATTGACGGACACTGAGGAAAGAGG
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>SEQUENCE:6102:prostate_MPM2000-004P6_Table5

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CAAACCTCCGCCTCCCGGGTTCACCCTTTCTCTTTATTCTTATCCCGGTCAGACTCGCCCC
CTCCTCCAAGATATCTCTCTGTTTTATTTTATTTGATTTTAGTTCTCTTTGGGTGATCGC
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>SEQUENCE:6103:prostate_MPM2000-004P6_Table5

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ATGGATCACACAGGGGCGATAGACACCGAGGATGAAGTGGGACCTTTAGCCCATCTTGCT
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CAAACCTTACCCCTCTGAACGAAAGGAAAAATGTGCTCCAGCTGAGGCTGCAACAAAGG
AGGACGAGAGAACAACTAGTGGACCAGGGCATCATGCCACCTTTGAAGAGCCCAGCGGCA
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>SEQUENCE:6104:prostate_MPM2000-004P6_Table5

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ATTTTGAGTCTCCTCAGAAGCTGGCAGAGTTTATTGACTTTCTGGACAAGAATGATGAGG
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>SEQUENCE:6105:prostate_MPM2000-004P6_Table5

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AATGCTTCAGTTATACCCTGACCCAAGGGCTGAAGAAAGCTAGGGCCTTCCTGAGGGAGA
AACACAGTATCAACATTAGAATGAACAAAGAATAATGAATCTGGGTGATTGGGACCTCTG
TCCACAGTTAGCAACATTCTGATTTCCAGATTTTTTTTGTAAATGACTTCGGATTTGAT
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>SEQUENCE:6106:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6107:prostate_MPM2000-004P6_Table5

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G

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CAAGGGGTTGGGGACCTCCGTCGCCTATCCAAGGGAAGCCCTGAGGAACTGTGCCTTGAG
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>SEQUENCE:6108:prostate_MPM2000-004P6_Table5
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>SEQUENCE:6109:prostate_MPM2000-004P6_Table5
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>SEQUENCE:6110:prostate_MPM2000-004P6_Table5
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>SEQUENCE:6111:prostate_MPM2000-004P6_Table5
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>SEQUENCE:6112:prostate_MPM2000-004P6_Table5
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GAGATCGCACCACTGCCCTTCAGCCTGAGCGACAGAGTGAGACTTCAACCCCNANGTCG
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TTAAAGCACTGTGTACCCATTAAGATATGGCATTATTGAAGAAATAAAGTACATTTGAAA
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>SEQUENCE:6113:prostate_MPM2000-004P6_Table5

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GGGGGTGAGGGTTACCATGGCAACCATTGAGACGACCAGCCCACCCCGGGCTCTGCGTGC
ATGTCCATCCTGGACCCTTCATCTCAATATCACCAGCTCTGCAGTGTCTCCAACTTTGGG
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>SEQUENCE:6114:prostate_MPM2000-004P6_Table5

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GAGCGTGTGAACGAGGCCCGTGAGGAGCTCATGAGGATGCTGGCCGAGGACGAGCTCCG
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TCATGTCAAAGTCCACGCCTACTTTGCTCCCGTCACCCACCGACAGCAGTGGCAGGAAG
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>SEQUENCE:6115:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6116:prostate_MPM2000-004P6_Table5

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CCAGTCTTGGGCTCTCGCTGGTGGCTGGAACAGCCAGATGTGTTGCCAGGGAGAACAGAA
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>SEQUENCE:6117:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6118:prostate_MPM2000-004P6_Table5

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TGAAACCCCATCTGTACTAAAAATACAAAATTAGCTGGGCATGGTGGTGCATGCCTGTA
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CACCCTGAAGTACAAACAACATAAAAAAGGCCCCCCCCCCCAGGAGGGGACCCCCATTTC
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TGTGAGCCCAGTGGAGGAAGCCCGGGGCAGGGACCAACCACTGTTGCTGGCACACTGGTG
CACGCAACACCGTGGCAGATGGACCTGAGAGAAAGCAGGAGGGACAGCACAGTGGAGCCA
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>SEQUENCE:6119:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6120:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6121:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6122:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6123:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6124:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6125:prostate_MPM2000-004P6_Table5

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GCCTACATGGAAAAGTGTGACGAGAACATCCTGTGGCTGGACTACAAGAACATCTGCAAG
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TCTGAGGGAGGGATGGGACCTCAGGCCACCTTGAAGGATTTCTCTTGGGTCTTTCTCTG
GCTTGTGTCTGAATCTTGGGTGGGGTGGGCTGCGGGGAGCAGTTAGGTGCCTCTGCCTTT
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C
GGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGT
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G
GGTACAAGCTTTTTTTTTTTTTTTTTTTTTTTTTTAAGGGGAGGCTTTGTCTTTATTAGT
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Table 7
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TTTACTAGACTGAAAAGCCACCCTGTATCCTATCATTAAAAACAAAACAAAACA
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CCTCCCCCAGCGCCAAGGACATCAAGAAGATCTTGGACAGCGTGGGTATCGAGGCGGACG
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>SEQUENCE:6135:prostate_MPM2000-004P6_Table5
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>SEQUENCE:6136:prostate_MPM2000-004P6_Table5
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TCCGCCACGGTCAGACGCTCCCACTTCTCCAGGGACTCTAGGATGGAGACCTTGCTGAGG
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GGCAGGGGTGTGAATTCTCTCTTCCCTTCAGGGAGAGAATAAAAGCCGCCCTCATTCTAG
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ATCCGCCTGTG
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>SEQUENCE:6140:prostate_MPM2000-004P6_Table5
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Table 7
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>SEQUENCE:6142:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6143:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6144:prostate_MPM2000-004P6_Table5

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C

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>SEQUENCE:6146:prostate_MPM2000-004P6_Table5

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Table 7
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>SEQUENCE:6147:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6148:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6149:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6150:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6151:prostate_MPM2000-004P6_Table5

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Table 7
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TATACTAGAAGATTCTCTTGTATCACCAGTGTCTTTTTGAATGCAAATCCCAAATAGC
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>SEQUENCE:6152:prostate_MPM2000-004P6_Table5
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AGGCTAACTTCGGAACAGCTGATTCATATACATCTTGACATAAATCACAAGGAGCGTCT
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>SEQUENCE:6156:prostate_MPM2000-004P6_Table5
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GAATCACTTGAAGTGGGAGGTGGAAGTTGCAGTGAGCTGAGATCGTGCCACTGCACGAT
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>SEQUENCE:6157:prostate_MPM2000-004P6_Table5
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G
AGCTTGTATCCATCACTGCCAACAAGAACACCTGTCCTGGAGACCGAAGTGCCATCACAC
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GTCTGGCCAAACCTCAGGCAACGGGTGGAGCATTGTTGCCAGGGCCTTCCCCATG
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>SEQUENCE:6159:prostate_MPM2000-004P6_Table5
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GTGTTTTGTTTTTGACAGAGACATGTAGGAGACAGGTGGAAAATTTGAGGCTGATGAACC
AAAGAGAATTTGAGTTTTTAGTACCTGATTGTGGTGACCGACGGGCACCCCTGGAGGG
CTACAAGGAACCCTGTGGGGGGGCTGGAGGATGCTGTGAACGAGGCCAAGCACCTGGGCGT
AAAAGTCTTCTCGGTGGCCATCACACCCGACCACCTGGAGCCGCGTCTGAACATCATCGC
CACGGACCACACGTACCTTAGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATT
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GGCGACCTGCGACTCCTTGACGTTGACAATCGAGTAGTACAGTCCGGCCCGGTGGGGAGG
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AACATCTCTGTTGAAGCTTTTTATGATTAGTGTCTGGATAGCATATTTTATGTTTAATC
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CTACCTCAGCCTCCCAAGTAGCTGGGATTACAGGTGTGAGCCACTGTGCCAGGCCCTGAT
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>SEQUENCE:6163:prostate_MPM2000-004P6_Table5
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TGGGGGGGATGGTATCAGGGGCTGACTCTTCAAGCCCCGCAGACTGTTGTGGCATAATCC
ACACACTGTTGAGCTTCTGTTCTGCTGGCTCTGTTTGTTCAGGCTTCAGCGTTATGCC
TGTCAGCTGAGTGCCACACTGAGCTTCATTTTGGAGATTGTTGGCTTTCTCCAGGTCAG
AAACAGGAGCATCAGGAGGGAGACAGGAAGTGGGCTGGTGCTCAGAGGAAGTCTGGGAGT
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Table 7
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GCAGGACGGCATCAGGCTTCAGGTACCTGCCCGGACCTGCCCGGGC
>SEQUENCE:6164:prostate_MPM2000-004P6_Table5
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GCTTCAACTGCTGCTGCGGGAAGTGTAAGCCCAAGGCGCCTGAAGGCGAGGAGACGGAGT
TCTACGTGTCCCCCGAGGATCTGGAGGCACAGCTGCAGTCTGACGAGAGGGAGGCCACAG
ACACGCCGATCGTCATACAGCCGGCATCCGCCACCGAGACCACCCAGCTCACAGCCGACT
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>SEQUENCE:6165:prostate_MPM2000-004P6_Table5
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AGGTGCAGACCTCCACTAGTGCTGCTGCTTTATCCATCTGGTCCTGTGAAGGCTCACCCT
GAAGCTATGGGATGGCTGCTTTTGTTCATTTTCTCACTTGTGATTTCTGAGTCCTTTT
AACAATGATGAGGCATGGTTGGGGATGTGGAAGATGAGTAGGATGGTGGTGCTACAGCTG
GAGGCCACAGGAGAGGTGCAAGCTGGGCTCAGTTTGTGTGGCTGCCCCACCCACTGTGTT
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GTGCTGATCC
>SEQUENCE:6166:prostate_MPM2000-004P6_Table5
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C
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CCGGCAGCCGCCCTGGTTGAAGGTTTAGAACAGATGTGGAAAAATGTTTACTTCAGAGAA
AGGGGTTGTGGAGGAATGGTTGTCAGAGTTTAAGACATTACCAGAAACATCTTTACCAA
TTATGCCACAAATTTGAAAGACAAGAGTTCTTTAGTTTCATCTCTCTATAAAGTTATCCA
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TGGAGAGGAGCAGTTGCTTCAATTTACGCTGCAATTTCTCCAGAACTAATTTGGTGCTA
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GATTCCATCTTTATCCAAACCATCTGTATACCATGAACCT
>SEQUENCE:6167:prostate_MPM2000-004P6_Table5
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CTGCCCATCCTTCCTCAGCACAGGGAACCCGGAAACCCGTTGCACCGACAGAGGCTCACA
CCCTCTGGGTTTTTTGTTTTTTTTTAAACTTCATTTCTCTTCCAACCCATTGTGTTCTT
CTGCCCTCATTCTTTACCTTTGTTGTAAGAACTTTAGCTCCAGGGAACTGAGGCAGAGGC
CCTGTTTGTGGTCTGTGTTGACAGCCACCCACCCTCTCCACCTCATGCTCCTGCACCTG
CACCACCAAGGTTGATGCCGGATTGGAAGCCAGGAAGGCCAGTCCCTCCTCTGCTCTCC
TCAAAGACGCAAAACATTTTCCAACAAGAGCTGTCACAGTGGCAGCAAAGCAGGGGGCCAC
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>SEQUENCE:6168:prostate_MPM2000-004P6_Table5
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TTATATTCAGTTCAGCTGTATTTATGGCACAAGATCTCATTTCCAAATGGCACTAATTT
TCCTTAAGTGTAACAGCACTCTATTTTATGACAGTAATTATATTTTAAAGGTTAATTTGT
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AAAGGGCTGAAGTCTATATAAAAAAATGATCTTTGGCTGGGCATGGTGGCTCATGCCTGT
AATCCCAGCAGAGAAAAAAGGATGAAAAAAGACAAAGGAGGGGAAAGAGGAGCAGCAG
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AACGCCCCCTCCCACCCCCTAAAGTT

>SEQUENCE:6169:prostate_MPM2000-004P6_Table5

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ATTCTTTGCCCCCGATGGCAGAGGCTAATAAACTTGCCTTTACAAATTTTGGACAAATGC
CTGTAGTCACCTTTCTTCTCAGGAGATTTCCAAGTTAGGGGAACTAAAATAAGCCTCCA
TAATTCTTTGAAAAGAAGGTCCACGGCCAGGCACAGTGGCTCATGACCGGCCAGCTACTG
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AATTTACCGCAGTTTGGCACCTAAGAGTATGACAACAGCAACAAAAAGTAATTTCAAAGA
GTAAAGATTTCTTCAGCAAAATAGATGATTACATCTTCAAGTCCTTTTTGAAATCAGTT
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>SEQUENCE:6171:prostate_MPM2000-004P6_Table5

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CCGAGATGCAGAGGATGCTATTTATGGAAGAAATGGTTATGATTATGGCCAGTGTGCGCT
TCGTGTGGAGTTCCCCAGGACTTATGGAGGTCGGGGTGGGTGGCCCCGTGGTGGGAGGA
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GCGTAAACTGGATGACACCAAATT

>SEQUENCE:6172:prostate_MPM2000-004P6_Table5

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TGTTTCGACACAGTGGAGACCATGGGAAAAGACTATTTGTCATCAGACCTTCTAGATTCTA
TGACAGGCGTTTTTTGAAGTTATTGGTAAGTTTAAATTTTTTTGTTGAATTAAAGTCTTTG
CATGTAACAGGGAAAAAAATTTTGCCTCTTTAGAAAACATCTNTCATTTTTATGAAATATT
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>SEQUENCE:6173:prostate_MPM2000-004P6_Table5

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CAAAAAGTACCCTGTGCAGGGAGCGGCTAGAAGACACCCACTTCGTCCAGTGCCCTCGG
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>SEQUENCE:6174:prostate_MPM2000-004P6_Table5

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CCGTGGCCACCTTCTGCTACAGCTCTTCGAGCACGACAAGGACCTGAAGGTTGTCAACA
GTTACCTGAAAAGCTGCTTCTCATTTCCTCACTACAACCTGGGCCACGGGCTCATGG
AGATGGCCTACAACGAGTACGCAGGCCAGGGGTCTTGAAGACCCTTGAGTCAAACCTGGG
TGTCAGGCCTGGAGTTGGTTTGACCATGGACACCTCCAATCGGCCACGGCTGGGGTAAC
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CTTGGATGGAGGACACCT

>SEQUENCE:6175:prostate_MPM2000-004P6_Table5

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Table 7
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CTGAAGGAGTACCACAAAGGGACCCAAATTCAGCGGTCTGTGCCTACAAACTTCATTAAT
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CTGGAGAAAGTTCTCCCTTTCTTCATCTACCTTAATTTTCATGTCCATTTTTAAATAATTC
AAGCATTGTTGGGGATGTCACGGCCAATGGAATTCGAGAAAGCTTTGGATATTTTTTATT
CAGTTTCTTCCTTAATCGATTAAGTTCAGGCATTATTTCTGGAACAGCTACGTAAAAGTC
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>SEQUENCE:6176:prostate_MPM2000-004P6_Table5

CCGCGGTGGCGGCCGAGGTCAAGCTTTTTATTTTTTTAATTTTTTTTAAGGGTTAAATG
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AGCATCATAAAATGAATTTTCCAAGTGGACAGGAGTAGGAAGCAGCCATATGATAGTATT
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>SEQUENCE:6177:prostate_MPM2000-004P6_Table5

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TAATGCATTTAGACCATTCCTTTTTTCACTTACCCTTAAGAGTCCCAATACTTTGTAA
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CCTCTCGGTTGAT

>SEQUENCE:6178:prostate_MPM2000-004P6_Table5

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C

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CTGTGAATNCNNANNANAAAAAANAANAANAANAAGCTTGTACTTTCTTGTCAA
CAAACCAATGGCTCTGGGTTTGGAGAACACAGTGGCTGGTTTTAAAAATTCTTTCCACA
CCTGTCAAACCAAAAATCTATCAGCCCACGTGGTGTGGTTGGTGAACAGTGCATGCCAGG
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>SEQUENCE:6179:prostate_MPM2000-004P6_Table5

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GGTAGAGGTCTAATGAGCTGCTGCAGGCTAAAGCTGGCAATGGGTGCTTTGGAACCTCACT
GGTCAATTGTCTCATTGAGAGANNTGTGNANNAANTCCNCANTGGACCCACTGATACTTG
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>SEQUENCE:6180:prostate_MPM2000-004P6_Table5

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AACGCTAATAAGAGGTGTAATTGAGCACTTGGCGAAAACATGGACGTAACGGATTCTGG
TAATGGTAGGCTTTCTGGAGAAAATGATATTTAAGCCAAGAACTCTTAGAAGTTAGCTAA
GAGAGAGATGGGAAAATGAGACGACATTGCTGGAGTAGATAAAACTGCATGTTAAAGGCA
GGAAGGTGGGGAAAAAAGTTCAAGTAAAGCTGGAATGGGGAAATGTAGTCAGGGACTGAA
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>SEQUENCE:6181:prostate_MPM2000-004P6_Table5

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CTTAGCCCTGTTTGAAGTGTGCTCTCAGTGCCAGGTGCAGAGGGCATCTGAGGTCTGAGA
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TCATGTGGACACACCTAGTTTGGGGGATGGTCCCAGACTCTGCCATCCCGGCAATGAGGA
CACATGAGGCCACTGGATGACAGCCCTGCCACCCTCCAGAAGCCCGGGTCTGCCACACC
TAGCACCTGCAGCCACCACCTTGATGGGCTCACAGAAGAGAAATGGAGATGCTTAGAGGT
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CCTAGAATTCTGCTGTCTCTTAAGAAAATTCACATCTTTAAGAACAAAGTGTCTAAGTAA

Table 7
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GCCTTGACCCTGTCTGTTTTCTATCTTAGTATTCTGTGTTACACAGAATAAACCACTCAA
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>SEQUENCE:6182:prostate_MPM2000-004P6_Table5

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GAACACAATGGAATGAAGCTGGCAATAACAAAAGAAAAATTGGAACATTTACAAATGTGT
GGAAATTAACAGATTTCTAAACAATCAAGGGGTCAAAGAAGAAATCACAAGGGGAAATTAG
AAAATACTTTGAGATGAATGAAAACAAAAACACAAAATACCAAACTGAGAGTGTGTGAT
GACAACAGTGTGCAGAGGGGAAATTCATAGCTGCAAATGTCCATATTAAGAAACAAGACAG
TAACTATGTGAGGTGATGGGTGTTAATTAGCTCAGCTGTAGCAATCATTTTCATAATGTAT
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>SEQUENCE:6183:prostate_MPM2000-004P6_Table5

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GGGTAACGAGGCATACCTTGCCAAGGCGGTGGCATAGCTCCCTTCTGGATGCTGCTCAAC
AGATACCATCAATTCCACGGCCAGGGCTCCTGCAATCACGGCCAGTCCTGGACGACTCAC
AGTGCAGTGTGGTCCAAGGTCCGGTCTCTGGTTGAATCTCCTGGGGCCACCACATCATT
GCAGAAGT

>SEQUENCE:6184:prostate_MPM2000-004P6_Table5

CGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCGCGCCCGGGCAGGTGCC
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ACGGCGAGTGAACAGGGAAGAGCCCAGCGCCGAATCCCCGCCCCGCGGCGGGGCGCGG
GA

CATGTGGCGTACATTTGAAAGCCTCTAAAGAACAACCTGAAGCCCAAATTCATATAAAAGT
TGCGTTTAAGTTGTATTAAAAATAGATATATAAGAAAAAATTCTTTCACTTGATGTTTGT
TAGACCAGAAAGTGTGTGTGTTCTGTAGCTCAGTTCCCAGACAGCTTTTTAGGTAGTGGA
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>SEQUENCE:6185:prostate_MPM2000-004P6_Table5

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GGGATTACAGGCGCCTGCCACTGTGCCTGACTAACTTTTGTATTTTATAGTAGAGACAGGT
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CCTCCCAAAGTGCTGGGATTACAGGGGTGAGTCACCACGCCCTGCTGATCACAATAAAAT
TTCTTTCACATGATTCACCGTCCACAAACCTCCTACAACCTTCTTATATTCCATCAGTTT
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TTAGGGTGAAAATTAATCTTTTTTCTTAACAAAGACACATATTTTCATACCTC

>SEQUENCE:6186:prostate_MPM2000-004P6_Table5

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CCCACAAATGCCTTTGGAGCCCGGAGAAATACCATAGACTCCACCTCCTCTTTCTCCAG
TTCCGTAACTGAGCCACCGCAGCCTCTCCATAGGCCGGGCAAGCGGCACCCAGGGGAGC
CTCGACACAGGTAGTGACCTGGGAGACTTTATGGACTATGACCCAAATCTCTTGGATGAC
CCCCAGTGGCCTTGTGGCAAACACAAACGCGTTCTGATCTTCCCTTCTACATGACAACA
GTGATTGACTACGTGAAGCCCTCGGATCTCAAGAAGGACATGAACGAGACCTTCAAGGAG
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>SEQUENCE:6187:prostate_MPM2000-004P6_Table5

TAGCTGCTTCCTGTGAGGCTAAAAGGAGCTCCACCGCGGTGGCGGCGCGCCCGGGCAGGTA

Table 7
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CTCGCGGCAGGGCCGGCGCGCCGGCGGAGAGCCATCTGTTGAATCGGGCCGGAAGGTGG
A
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GGAAGATGGGTTGATCAAGCAAATAGGAGAAAATCTGATTGTGCCAGGAGGAGTGAAGAC
CATCGAGGCCCACTCCCGGATGGTGTATCCCCGGAGGAATTGACGTCCACACTCGTTTCCA
GATGCCTGATCAGGGAATGACGTCTGCTGATGATTTCTTCCAAGGAACCAAGGCGGCCCT
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>SEQUENCE:6188:prostate_MPM2000-004P6_Table5
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CTCAGCATTGTTTTCTCAGCTTCTTGGCAAAAATTAAAACAACAACAACAACAACA
ACAACAACAGAAGGATAAACTGGCTTGCTGTGGACCCTCCCCGGCTCTGGGGCCAGTC
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TGAGTGTGTTTCCTGTCAC
>SEQUENCE:6189:prostate_MPM2000-004P6_Table5
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CTACTCTTATCATCCACTCCAATAAAAAGATAGCCTCCTCCAGTGTTTGCAAATGCAGGG
ACGTATTCTGGAATTGTCCTTTTTACATATTCTTGGAAGTGTTTTGTAGAGAACTGTTTA
AACTCTACTAACTGAGACTCAGGAAAAGGCAGGATTTCAACATATTCAAGATAGTCTTTT
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TGGTATACACCCTTGTTGAATTT
>SEQUENCE:6190:prostate_MPM2000-004P6_Table5
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CACCTTTCCCTTCTGAAAGTCTGGTTCCTGCCAGTGACCCTTGCCCTTGTTGAGCCAAGA
TGCTTACCCTGCATAAAGGGCCAAAGGAGGGCTGCGGCTTCCCTCCCTCACTGAAGAGCC
CTTATTTGAATTCAGTGTGTGGAGCCCTAGCCCTCCATTCTCGACATTCCCCAACCTTCC
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>SEQUENCE:6191:prostate_MPM2000-004P6_Table5
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GGCCCATCAGGCGCGGAGGATGGCGGGGAGGAAGCCAGCAGCCCCTGTGTTTACTGTGCG
T
CAGAAAGGTCTTGTGTTTTGGTTTTGGGGTTTTTGTTTTGTTTGTGTTTTGTTTGGCTTG
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>SEQUENCE:6192:prostate_MPM2000-004P6_Table5
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GGCGGCCAAATGCGACGCGAGACAGAGGACAAAGACCCCTCACGATGAATGCTCTTCAGC
CAGCTTATCAGCTTTTGCCACAGCTTCTTCAATGGGTCCCACCATATAGAAGGCCTGTTT
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GGGTACTTTTTAATGGAAACAACTTGACCAAAAATTTGTACAGAATTTTGAGACCCAT
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>SEQUENCE:6193:prostate_MPM2000-004P6_Table5
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Table 7
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CCCAAATTAATGACTATTTACAAATTCCGAACCTATTTCTACTCAGTAATTATTTAGACA
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TTATGACTGTTTCACGTAACCTATTTCTTTTCAATAGTTTTTCATAGTTGTCATACACAAAG
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>SEQUENCE:6194:prostate_MPM2000-004P6_Table5

GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACTAA
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TTCATTTGGTTTAACTAAGCTGTACCGCTCACATTCCTCGTGCCAGTGCTGCCACTTCAG
CTCCAGCTCTGTCAGTGTCTGGGTGTTCCAGGACTAAGAATGGGCATTGTCCTCATCAG
GTCCCCCATGATTGCGGCATATGCCTGCAGAGGCGGGGCTGGCATCGGCTTCCTTGGAGAG
CATCTGTCGGGCCTCATTGAGCCGGCCCTGCAGCACCAAGATGGTCACCAAGTTCCAGAA
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GCACACATGG

>SEQUENCE:6195:prostate_MPM2000-004P6_Table5

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AAGAGATTACAAGAGATGAAGGAGAAAAGGGAAAATCTTTCCCCCACCTCTTCCCAAATG
ATTCAGCAGTCTCATGATAATCCAAGTAACTCTCTGTGTGAAGCACCTTTGAACATTTCA
CGTGATACTTTGTGTTTCAGATGAATACTTTGCTGGTGGCTTACACTCATCTTTTGATGAT
CTTTGTGGAACTCAGGATGTGGAAATCAGGAAAGGAAGTTGGAAGGATCCATTAATGAC
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>SEQUENCE:6196:prostate_MPM2000-004P6_Table5

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TGTCTAGTGTGTTGGCGGAATGAAGTTTCTATAAGTCATGCCACTTTTCTTATAATTGTTT
TAAAAAATTATACCTTTCTTTCTCTAGTTCTTGCAACGATAGCTTTTGCTTTTCTTCTC
CTCCCGATGTGCCAGTATTTAACAAGACCCTGCTCACCTCAGAACAAAGATTTCTTTGGT
TGCTGTGGACGTTTCACTGCTGCTGAGTTGCTGTGCTATTCTCTCTGTCTGTGCTGCTCGTC
CTCATCTGGGTTCTCACTGGCCATTGGCTTCTCATGGATGCACTGGCCATGGGCCTCTGT
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>SEQUENCE:6197:prostate_MPM2000-004P6_Table5

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AATAACAAAATTTTTTTTACAACCTATTTCTGAGTTGTGCGTTTGTGTTGAGGGAAGGAG
TGAGAGAAGGCAGGCAACAGCTTCACCCCTCTAAAAGTGGACACTCACACCAAACCTCTGT
GACAACGGTTTTTTCATTTAAAAATGTTTCAGAGGCCGGGCACAGTGGCACACGTGTGTAA
TCCCAGCACTTTGGGAGGCCAAGGTGGGTGGATCACCCGAGGTCAGGAGTTCAAGACCAG
CCTGGCCAACATGGCAAGAGCCTGTCTCTATTAAAAATACGAAAATTAGCTGGGCGTGGT
GGCAGACGCCTGTAATCCAGCTACTCGGGAGGCTGAGGCAGGAGAATCGCGTGAACCCG
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>SEQUENCE:6198:prostate_MPM2000-004P6_Table5

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AGTTTTTCATTCTTGTTTACCTATTAAGGTAGGTTGCAGGTCATCCACAAGGACTCATAA
ATATAATTATGGAGTCCTTCTCAGGACATACTTAGTTCACTTTAACAATGCCTTCCCTTT
GGTTATTTTCTCAATTTTGAGAGACTGGCCAAAACCTTCAGTCACTGGTGTCACTATTACC
CTTGCAAATGTACAGAGGTCTCTGGAAAGATTGGCAGACCTGCTAGGAAAGATCCAGAAA
GCATTGGGAGAATATCTGGAAAGAGAGCGGTGTCATTTCCCCAGGTTCTATTTTGTGGGT
GATGAAGATTTGCTTGAAATCATTGGAAACAGCAAGAATGTCGCTAAATTACAGAAACAC
TTCAAGAAGATGTTTGCTGGAGTTTCGAGCATCATCCTGAACGAGGATAACTCTGTTGGT
TTGGGTATTTTCATCTCGGGAAGGAGAGGAGGTTATGTTTAAACTCCTGTGTCAATTACT
GAACATC

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>SEQUENCE:6199:prostate_MPM2000-004P6_Table5

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GGAGGATTATAAGAACGGAGGGCCTATGGAGGCCCATGAGGGGGCTGAACGTACAGCAA
CAGGCGCAGGGCCTGCCACGCCCTTTATTTTGCCTGCTACGAAAAGTTAAAAAAGACAT
TGAGTGATGTAATCCACCCTGGGGGCAATAGCCATATTGCCAATGGTATTGAGCCTTCCT
GTGCTGGTTCCCCCACTTTCCCAACTCTTTGGGCTTTGCTGCTGTCAGTGCTTTCCAGTC
TCAGCATGGTTTGGAGCTGAAGCTTTGGGCTGGGATAGGCCAGATTATAAGGGAGGGACT
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>SEQUENCE:6200:prostate_MPM2000-004P6_Table5

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GGCTTTGAAGAAAAGGGCAAGGCAAAGTGGGATGCCTGTGCCAACATGAAGGTGTGGCTC
TTTGAAACAAACCCCGCTTCACTGGCACCATTGCCTCATTCAACATCAACACCAACGCC
TGGGTGGCCCGCTACATCTTTAAACGACTCAAGTTCCTTGGAAATAAAGAACTCTCTCAG
GGTCTATCGTTGCTATTCTGCGCCCTCTGGCACGGCCTGCACTCAGGATACCTGGTCTGC
TTCCAGATGGAATTCCTCATTGTTATTGTGGAAA

>SEQUENCE:6201:prostate_MPM2000-004P6_Table5

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AGGACCTGATGCACACGGTCAGGTGCCGGGCAGGCGAGAAGGTGTTGGGCCGCAGGTTA
A

CGATGAGAGCACCTGTTGGGTACAACACGCCTCCATGTTTCAGCATCTACGTCATGGGCT
TGGTTCTGGAGTGGATTAAAAACAATGGAGGTGCCGCGGCCATGGAGAAGCTTAGCTCCA
TCAAATCTCAAACAATTTATGAGATTATTGATAATTCTCAAGGATTCTACGTTTGTCCAG
TGGAGCCCCAAAATAGAAGCAAGATGAATATTCCATTCCGCATTGGCAATGCCAAAGGAG
ATGATGCTTTAGAAAAAAGATTTCTTGATAAAGCTCTTGAAGTCAATATGTTGTCCTTGA
AAGGGCA

>SEQUENCE:6202:prostate_MPM2000-004P6_Table5

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GCACCCCTGCCCTTTCTCTGCCCCATCCCTACCCTAGCCTTGCTCTCAGCCACCTTGAT
AGTCACTGGGCTCCCTGTGACTTCTGACCCTGACACCCCTCCCTTGGACTCTGCCTGGGC
TGGAGTCTAGGGCTGGGGCTACATTTGGCTTCTGTGGAAGCAGCTGGCTTCACTGCTCAG
GTGATTATCCTGAACCATCCAGGCCAAATAAGCGCCGGCTATGCCCTGTTTTGGATTGC
CACACGGCTCACATTGCATGCAAGTNTGCTGAGCTGAAGGAAAAGATTGATCGCCGTTCT
GGTAAAAAGCTGGAAGATGGCCCTAAATTCTTGAAGTCT

>SEQUENCE:6203:prostate_MPM2000-004P6_Table5

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TGTGGAGTCCCCACTGCGGGACCAGCACGAAAGCTGCTTGTCTGCTTTGGCGGAGCTGAG
CTGTGTATGGGATCCATGAGGCTGGGGTGATTTATTTTATGGGATTCCTGGAGCGCAGGG
CTGGTGAATCCATGACAAGGTCCGGGAGCAGCACACCAAATCCACAGCAGCCTCCTATTA
AGTTAACAAATAGTTAAGCAACTCGGGCTACAAACAAAGACTTTGCTACCTTCCTGCTCC
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>SEQUENCE:6204:prostate_MPM2000-004P6_Table5

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CAAGTTCAGTCTAGATGAAACCGACACTTGACCACACACAAAGGCTATCACTGCCTTGAG
GGGTGCAGACCGCAGAATTTTACAGCAGGGGCTCTTGGAAGTCTGGAAACCCCTTCTT
AAATTTGGGAGGAGGAGTATGCCTTTGGTGTCCCCCTCCCAAGGGGCAATTCTGAACCCC
ATCTTTGGCAGGCATACATATTTCACTGTTTCCAAAGCTATCTACTCTGCCAAACAACAC
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>SEQUENCE:6205:prostate_MPM2000-004P6_Table5

Table 7
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TCATAGCTGTTTCCTGTGTGTAGACCAACAGCCACACCTCGGGGGCATCCCTCTTTCCTG
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AGGCAGGGAAGTCCTTCCCCACCAGGAGTTTCATGCGGAACAGACCTCCAGCATATGGGG
TCCCCTCAGGGCCCTCGATGGTGACCTGGAGGTCCGTGAGGTCCCTCCTCTTTGGGAAAGA
CCTTGATGCCTCCGGTGGGTCTGCGTCAGTGTACCTCCTTGTACCTTGGCCGCTCT
AGAACTAGTGGATCCCCCGGGCTGCAGGACTGCGATATCAAGCTTATCGATACCGTCGAC
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GGCGTAATCA

>SEQUENCE:6206:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6207:prostate_MPM2000-004P6_Table5

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GGACACACAGTGGTGCCAATTCGTATTTCTAAAAGAGCCACATTGGCTGCTTGTAAGA
GACCTCTCATTGTAACAGTGTGGCAAGATCGATTGTTCTGGTTCTAGACAGAGCCCCAT
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>SEQUENCE:6208:prostate_MPM2000-004P6_Table5

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GCATGTCATCTTACCGATGAACTCATGACAAGAACATGACTTCTTAGCATTATTGGTT
CTGGACATGGTATCTCTGCTGTGTTAGCCTGATTAAGTTCCTCATTTCTTTTCTGCCC
AAGTTTTCAACATTTTCTAGGGTTTCCTTTACAATAGCCATGACGAAATATATTTATCC
CGATCTTTGAACACCAAAATAGAAGTTTTATAAATTTGATTGCTCTGCTCTCTCCATTT
GCTGTGCTAGCATGGTATACATTAGCTTCTTTTCTGTGCTAATGCAGCCATTTATCTCT
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TGTTCTACAGTTG

>SEQUENCE:6209:prostate_MPM2000-004P6_Table5

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TAGTCCCACTACTCAGGAGGCTGAGGCAGGAGAATGGTGTGAACCCGGGAGGTGGAGCT
TGCAGTGAGCCGAGATCGCGCCACTGCACTCCAGCCTGGGTGACAGAGCGAGACTCCGTC
TCAAAAAAAAAAAAAAAAAAGCTCTACCTCCTGCTTGACTGGCAACACAGGATGTCTTGTG
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>SEQUENCE:6210:prostate_MPM2000-004P6_Table5

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CTTGTGGTGCGGCCTCACCATACAGGAACAGGGCAGACGTTAGCGTGAGTGATCACTCTC
AATCCCGGGGACCCGGTGGCCTTAGTCTTTCAGGTGGAACGGTGTGCGACATGGGAAAGA
AAACCAAGCGGACAGCTGACAGTTCTTCTTCAGAGGATGAGGAGGAGTATGTTGTGGAGA
AGGTGCTAGACAGGCGCGTGGTTAAGGGACAAGTGGAAATATCTACTGAAGTGGAAACCTT
TGCCAGAAATACATATACCTTGTATATTAAATCTGAGTCTCAGATTTAATCATCGAAGCG
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>SEQUENCE:6211:prostate_MPM2000-004P6_Table5

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GGGGCCCGGTACCCAGCTTTTGTTCCTTTAGAGAGAGGGAATTGCACGCTTGACGTAAT
CATGATCATAATTGGATCCTGGCCAAGTTGAATTATGTGGAAGGTGATTATAAAGAAGCT

Table 7
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CTGAACATTTACGCCCCGGGTGGGCCTGGACGATCTGCCACTGACAGCTGTCCCGCCCTAC
AGGCTGCGGGTGATCGCAAAACCCTACGCTACCAAAGGACTTTGTTTGGAGAAGCTGCCT
ATTTCTTCTTCTACCAGTAATCTCCATGTGGACCGGGAACAGGATGTCATCACCTGTTAT
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>SEQUENCE:6212:prostate_MPM2000-004P6_Table5

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CCAATCTCCCAAATTAATGACTATTTACAAATTCCGAACCTATTTCTACTCAGTAATTAT
TTAGACAGATGTTTTCTTGTACTATCACTATTTGATCATAATTCCTGATTCTCCGTTT
TTGAGGATTATGACTGTATCACGTAACCTATTTCTTTTCAATAGTTTTCATAGTTGTCATA
CACAAAGAAAGGCTCATTCTCTAATAAACACAAATCTAGTTAGCTGTCACCCTGCAGCC
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ATAATCATTTTTGTCAATTCTTGCAAAGTCTAGCCAAATTATTCTCCAGGATCATTTTTAT
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>SEQUENCE:6213:prostate_MPM2000-004P6_Table5

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AATGCTGGCTTTAAAATGTCCCTCTTCCAGTGGAAGCCCAACCATGCAGACATCTTGCT
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TCCCCTAGCTTCACTCAATGTTAGTAAGCATTAAAGACTGTAAATGGCAAGAAAAACAT
CGTAGTCATGGAAGAAGTTGTTATTACACCCCATATCAAGTGGAAGAACTGTAAAGGCAA
AGAGGGGAGTGCACTGAGCCATGTACCTGCCCGGGCGGCCGCTCTAGAACTAGTGGATCC
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>SEQUENCE:6214:prostate_MPM2000-004P6_Table5

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CTGGAAGGTGTGGAGCTGGGTGCTGATGGGAAGACTGTTTCCTATACCCAATTTCTGTTA
CCCACAAATGCCTTTGGAGCCCGGAGAAATACCATAGACTCCACCTCCTCTTTCTCCCAG
TTCCGTAACCTGAGCCACCGCAGCCTCTCCATAGGCCGGGCAAGCGGCACCCAGGGGAGC
CTCGACACAGGTAGTGACCTGGGAGACTTTATGGAATATGACCCAAATCTCTTGATGAC
CCCCAGTGGCCTTGTGGCAAACACAAACGCGTTCTGATCTTCCCTTCTACATGACAACA
GTGATTGACTACGTGAAGCCCTCGGATCTCAAGAAGGACATGAACGAGACCTTCAAGGAG
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>SEQUENCE:6215:prostate_MPM2000-004P6_Table5

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GCAAGGCTGCATGGAATGCCCGAAGCATGTCCCTGTGCATCACCACAGTTAAGGATAG
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TTCAACTCCCTCTCTACCTTCCACGTCAAAGCAACTGTCCTGGAGGGGTAACCTTGATGTA
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>SEQUENCE:6216:prostate_MPM2000-004P6_Table5

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TCCCAGGGCTCTAAACAGCACAGCAGCTAATGATTTGGTATTGATAGTAGAGCCAGGAG
AAATATTCCTTACACGCTCAAATCCATGGCTGGCTCCTTCAAGCTGCAGTAAGTTTGA
CCCAAGAAAGTGCAAGTCTGGTTGTTGAGCCTTGCTCCTTCGCGAAATGATCCTGTGCGG
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Table 7
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GCTTACGTGAGCGCCGAGGCTGTGGCTCCTCCCCAGCTGC

>SEQUENCE:6217:prostate_MPM2000-004P6_Table5

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GCAAAGAGCTTCAAGATGCAGGTGAACAGGTAGTATCTTCCCCAGCAGATGTTGCTGAAA
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>SEQUENCE:6218:prostate_MPM2000-004P6_Table5

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TCCGTGGGTTCTGAACATGTTGATGGTGCCAACTCCTGGGCCGAAGTGGAAATGGAATG
AGTTCTAGGGCATCTGTCTCTTAGATCATGTTAATGTTTGCTGTGTTTTTCTGTATTGC
TCTGTTAGAGTAATAAGAAACGTGATGGTGTCTTCTGGCCTCAGGTGCGGATTGATGAGTA
CCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTAT
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>SEQUENCE:6219:prostate_MPM2000-004P6_Table5

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CAGGGTATCGGACAACCTCAGGACAGCCCCTGTGCCCCAGAGCCTGCTGAAATGGCGCAAC
CAGCCACTCTTTACCCTACCTTATCCACAGAAAACACAAGGAAGCCGCTTGCTCGTGGT
CTACCTCCTGGGCACCATTTGGTGCCTCCCCATGTGGCCCTGTGGCATGCCCCCTCCTCT
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>SEQUENCE:6220:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6222:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6223:prostate_MPM2000-004P6_Table5

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Table 7
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>SEQUENCE:6235:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6239:prostate_MPM2000-004P6_Table5

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ACCGGCTGCTAAGTGATCAACAGGTGGTGGCATGAATAGCCTGGACACGCTGGACAAAGG
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>SEQUENCE:6246:prostate_MPM2000-004P6_Table5
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CCTGGCTGACAGGGCATCACGGGCAAGAGACTCCAATATGGTGAGGGCGGCAGCAGAGCT
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>SEQUENCE:6289:prostate_MPM2000-004P6_Table5
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AGAGGGGAGAGACCATTCTCCTGTGGAGTGGGTTCTTATCACCAGACCGGCCACTCTC
AGAAGTGGCGTCCACTGTAAATCCAGGTGCCTTACGTGTGGCTCTGTCCCTTATGCTGCA
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TAGCACTG
>SEQUENCE:6290:prostate_MPM2000-004P6_Table5
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>SEQUENCE:6291:prostate_MPM2000-004P6_Table5

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GGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGAGCTGCGCGCCAAGAGCACGCCGA
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>SEQUENCE:6292:prostate_MPM2000-004P6_Table5

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GCATGGTTTTGTGTGTATAGACAGTGGAACCTGAGGATGGGATCTGCTCAGCCTATCTTCG
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>SEQUENCE:6293:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6294:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6295:prostate_MPM2000-004P6_Table5

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CTCCTGAGTAGATGATGGGATTACAGGCATGCACCACCACGCCAGGTAATTTTGTATTT
TTAGTAGAGATGGGGTTTCTCCATGTTGGTAAGGCTGGTCTCGAACTCCCGACCTCAGGT
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>SEQUENCE:6297:prostate_MPM2000-004P6_Table5

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CTCCTGACTTCTGGAATAGGGTTCCATCCAGTGCCACTGTCTTGTGGCGCTGGTGGCCTC
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>SEQUENCE:6298:prostate_MPM2000-004P6_Table5

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AGGCATGCAGCACTATGCCTGGCCAATTTTTGTATTTTGGGTAGAGACAGGGTTTCGCCA
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>SEQUENCE:6299:prostate_MPM2000-004P6_Table5

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CAAGACTTTTTTCAGCTCATCCCTGGCAAGCCCCAGCCTACCCCTGGCTTCTACAGGAAAA
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>SEQUENCE:6300:prostate_MPM2000-004P6_Table5

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GAATGCCTTGTCTGCGGGAAAGCCTTCAGCGACCACTCATCCCTCAGGAGCCACGTGAAA
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>SEQUENCE:6301:prostate_MPM2000-004P6_Table5

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CAGAGAGCTCCAGTCCAGAGCCTGAAGTGTGGTCCAGCACATGTGAGCTATCTGGATGTC
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>SEQUENCE:6302:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6303:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6304:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6305:prostate_MPM2000-004P6_Table5

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AGACAGAGCAAAATGCTTTGAAAAGAATGAGGCCATACAGGCAGCCCATGATGCCGTGGC
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>SEQUENCE:6306:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6307:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6308:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6309:prostate_MPM2000-004P6_Table5
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>SEQUENCE:6310:prostate_MPM2000-004P6_Table5
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>SEQUENCE:6311:prostate_MPM2000-004P6_Table5
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>SEQUENCE:6312:prostate_MPM2000-004P6_Table5
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>SEQUENCE:6313:prostate_MPM2000-004P6_Table5
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>SEQUENCE:6314:prostate_MPM2000-004P6_Table5
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TGATGAGGCGGTCACTCTTGTGTTCAAGGTATCCTGCTCAGCACAGCGTCCCGGTTGGCCA
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CTTTGCGGAGAGGATCGTCCAGAGGTGACTGGCACGGTGGATCCTCCAGAGGGTTCCAGT
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>SEQUENCE:6315:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6316:prostate_MPM2000-004P6_Table5

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CAAGCAGAATCCTGGTGACAGCTGCAGCCTCGGGACCCCGCCTGGGCAGGGGGCCCCAAA
G

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>SEQUENCE:6317:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6318:prostate_MPM2000-004P6_Table5

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AGACAAGTTTTATCACTTGGCGAAGGAGACGGGTTACCGTTCCCGATCTGCTTTCAAGCT
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>SEQUENCE:6319:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6320:prostate_MPM2000-004P6_Table5

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AGGTATGAGCCACCTTACCTAGCCTGAATAATTTTTTCAAAGAATAGAATTTATAAGTAA
GGCTGGGAATTATATGGAAAACTCCACGTTTTTATCTGATGCCACAAGGAGTCAGAGA

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AACAGCTGCTAATGTGTGCTCACAGGTCTCCTGAAGTTGCAGGAGTATCAGCCTCCCAGC
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>SEQUENCE:6321:prostate_MPM2000-004P6_Table5
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AGCGCATGAATCTCTTCCAGGCTGTCCAGCACCTGTGAGACTGCTCCTGAGGAGGTAGGG
TCTTCGGAGAAATCTGGTAACTCTTCAGGGGGATCCCCATAGAATGAGTTGAATTTGTGA
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>SEQUENCE:6322:prostate_MPM2000-004P6_Table5
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GACAGTGGCCCCAGAACCTCAGCTCTGAACAACCCAAGACTGGTCCCAAGTTGGCTAACA
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>SEQUENCE:6323:prostate_MPM2000-004P6_Table5
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>SEQUENCE:6324:prostate_MPM2000-004P6_Table5
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ATTCGATATCAAGCTTATAGATACCGTAAACCTCGAGGGGGGGGCCCGGTACCCAGCTTTC
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>SEQUENCE:6325:prostate_MPM2000-004P6_Table5
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CCTTTTATAGAAAAAGCTGGCTGACTCCTGATATAAAATGATCATATATACATTAGACAT
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>SEQUENCE:6327:prostate_MPM2000-004P6_Table5

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C

AGTCTTCAGAACAGCATGAACACCTTTGGAATCTACATTCAGTCTAATATTTCTGTTTT
TTCAGGTATACAAAGCTTTTTAGGAGTCCTTTGGAAACAGTCGGGAACCTTCGGTGCTCC
ACCAGTTTTGACAACCTGCAATTCATCAATTCTAAGTAACCTACAATCCTGCAGGAGAGA
AGAAGGGTCAGCATCTGGACCAGAGCTGTTCTGACAGTTAGTATTACTGGAGGTTCTCTGG
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>SEQUENCE:6328:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6329:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6330:prostate_MPM2000-004P6_Table5

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ATTCTCCATAACTCAGTATTGTAAACAAATACAAAAATCAGGGCAGAGATAAGAGACGC
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>SEQUENCE:6331:prostate_MPM2000-004P6_Table5

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GGGGTTCCTGGGTCTTGAACACTTTAATAATAACTAAAAACCACTTCTGATTTTCCT
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AAAAGCTTAACTTAACCTAAAGGATTTTAAATGAAAATATAAACTAGAATGAACAAACA
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>SEQUENCE:6332:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6333:prostate_MPM2000-004P6_Table5

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CATTGCAGTATTCCTTTTATCAGAATTAGGTGAGTATTGATTGTAAAAGCTCTATCAACT
CTTGCTCTTATTTGATGACTTTGAGACTTTTTTACTCTTGCTATAAAAAGAAGGCTACTT
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>SEQUENCE:6334:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6335:prostate_MPM2000-004P6_Table5

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CCAACGCGCGGGGAGAGGCGGTTTGCGTATTGGGCGCTCTTCCGCTTCCTCGCTCACTGA
CTCGCTGCGCTCGGTGCTTCGGCTGCGGCGAGCGGTATCAGCTCACTCAAAGGCGGTAAT
ACGGTTATCCACAGAATCAGGGGATAACGCAGGAAAGAACATGTGAGCAAAAGGCCAGCA
AAAGGCCAGGAACCGTAAAAAGGCCGCGTTGCTGGCGTTTTTCCATAGGCTCCGCCCCC
TGACGAGCATCACAAAAATCGACGCTCAAGTCAGAGGTGGCGAAACCCGACAGGACTATA
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>SEQUENCE:6336:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6337:prostate_MPM2000-004P6_Table5

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ACGCTTTTAAGAACAAGGCCTTTAAAAAATCCAAAGTGTGTGGAGTTTGCAAACAAATTA
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CGCTGTCCAGTTCTCTCTGCCGTGATAAACCTCTGTGGCCCGTCATCCTGAGTCCCACCA
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Table 7
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>SEQUENCE:6338:prostate_MPM2000-004P6_Table5

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AGTTCTTCAGATGCCGGAGCAACCAATACTTTGCCAAGGAGCCCTTTGTCTTTGGACAGG
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ACACTGAAATCAAAGCTTTGATCAAACACTGGATTTAATGTTTTCTTTGACACGTGTGTT
TTCCTCCTTCCTGACCGCCTCTTGTCTGGTAATAAATACATGCGGACATAGGGGTGAGAG
CCGTCTTCAGAGAAGGCAATGAGGTTTCTGCAGGCATGCACGACCACGATAAGCTTGTTT
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>SEQUENCE:6339:prostate_MPM2000-004P6_Table5

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TCTAATTCGTTGGGGCAGTAACGGGATGCCCAAGGAAATAGAGAAGCTCAATAACCTCCA
AGCAGTGTTTACAGACCTTAGCAGCATGGACCTCATCCGGCCCCGCGTCAGCCTTGTGTG
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>SEQUENCE:6340:prostate_MPM2000-004P6_Table5

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TTACCTTTAGCGAGGGTAAATTGCGCACTAGGAGTAATCATGGTCATACTGGATGCTGAC
GGTGATGATGATGATGATGATGATGATGAAGATGAAGAAGATGGAGAAGAAGAGAAT
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>SEQUENCE:6341:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6342:prostate_MPM2000-004P6_Table5

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AAGGTTCTATACTGTTTTTTTAAATTAAGAACTAAATCTAGCAGGCTAAAGGTTAATTGT
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AATATGTGTTTAGACAATAAGATGGACTAGAGTTCGACAAAATGATTTCTTTATTTAAAT
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>SEQUENCE:6343:prostate_MPM2000-004P6_Table5

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CTACGCCGGCTGTGCTGTTCTGGCAGTGGATTAACCAGTCCTTCAATGCCGTGCTCAATT
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CACCACTGATAGGACGTTTTGTTCCCTTTGCTGCCGTAGCTGCTGCTAATTGCATTAATA
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>SEQUENCE:6344:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6345:prostate_MPM2000-004P6_Table5

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CAAAAGCAAATTTGCAACACAGATATGTAGAACTCTTCTTGAATTCTACAGCAGGAGCAA
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>SEQUENCE:6346:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6347:prostate_MPM2000-004P6_Table5

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TCTCCTGCAGGGGATCAGCGCCTTCCTCTCGTCCAGCACCCGCACGCGCTGGTTGAGCCC
GTCGTAGGAGAGCAGGGCGCGGCTGTTGCGCCCGCTACTTTGCTGGTTAAATTTGCCAC
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>SEQUENCE:6348:prostate_MPM2000-004P6_Table5

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CAGGATCACTCAAGCAGGTAACCGCACACAACGCACAATGATGAAGAGCATAAACACAAG
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>SEQUENCE:6349:prostate_MPM2000-004P6_Table5

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TCTGTGGCTTCTTCGTAGGGTTCCTCAGCCTCTTCCTGTACCTCATCACCATCCTCATCG
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TTGCCCCCAGTTGAGAACCACTGATGTCATCCAAGAGGACGAGGTCCATTTAAGAAACGT
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>SEQUENCE:6363:prostate_MPM2000-004P6_Table5
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>SEQUENCE:6364:prostate_MPM2000-004P6_Table5
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>SEQUENCE:6367:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6368:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6370:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6373:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6374:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6375:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6376:prostate_MPM2000-004P6_Table5

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CTTTATTTATTACTGTACTTGGACTTTAGGAGACAGATTAGGAAGGAGACTTGGTAGCAA
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>SEQUENCE:6385:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6386:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6387:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6388:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6389:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6390:prostate_MPM2000-004P6_Table5

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ATTTAAACTCGACAAATTATTAATACCATAAACATTTTCAGTGTCAAACACTGAAGATGCA
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>SEQUENCE:6391:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6392:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6393:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6394:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6395:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6396:prostate_MPM2000-004P6_Table5

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TCCAGTAGGATTTTGAAGTTAGAGGAGAAAATTAAAGAAATAGTCTTTAGAACTGCCAGC
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>SEQUENCE:6397:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6398:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6399:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6401:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6402:prostate_MPM2000-004P6_Table5

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CACCAGTAAAGACCAATTTGAGTTGGAAAGAGGACTTTCTGTTAGAGAGTAAAGAACATT
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>SEQUENCE:6403:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6404:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6405:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6407:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6408:prostate_MPM2000-004P6_Table5

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TGCAGTTAGCCAAGGTTGCAGTGAGCCAAGATTGTACCATTGCACTCCAGCCTGGGTGAC
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>SEQUENCE:6409:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6410:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6411:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6412:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6413:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6414:prostate_MPM2000-004P6_Table5

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ATTTCTCCCCAGGTCAGCAGACCTAACAAAGAGCCCCATATTCGTGTGTTTGTACTTATTT
TCTAGGCAAAATATAAATGAACAATTAAGAGAGGGTGGCAGCTGGGTGCGGTGGCTCA
CACCTGTAATCCCAGTATTTTGGGAGGCCGAGCTGGGCAGATAACTTGACAGCAGGAGTT

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CGAGACCAGCCTGGGAAACATGGCAAATCCCCGTCTCTACTAAAAATACAAAAAATTAGC
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>SEQUENCE:6415:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6416:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6417:prostate_MPM2000-004P6_Table5

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CTGCATAAAGAAGGAATAATTGATTGAGAAGGTAAGAAAACATGTGACCCAGGTGGAAAA
CTTGGCTTTAGAAGGAAGGAAAGATAGTACTTTTGTGTGATAGGAAAAAAAAAAAAAAT
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>SEQUENCE:6418:prostate_MPM2000-004P6_Table5

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AACCCAAGACATATGTTAAATAGTTTTGATGGCATCCAAATTAAGGATTTCAAGTTCAAC
AAAGGAACATACACAAAGTTCTCTCAACAAAGAATATCAAATTTAATAGATAATGGAAAG
ACTAAGAGATGATGTTTGCAATGTCTAAACTGATAAGGGACTAATATTTAAATATATT
TAAAGAATACCTGCTAATCAACAAAAGTAAACAGAAAAAAAAAATCAAAAGAAAAAAAAATAG
GCAAAGAAGATGTTAGGCAATTTACAGAAAAAGAACCCTAAATAGCTATTTAAATATGAA
GTAGATTGAATGCTACTGGTGGATATGTAAAAATGTGCAGCCATTCTGGAAAGCATGCTT
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>SEQUENCE:6419:prostate_MPM2000-004P6_Table5

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GCAGTGTCTACTGGAAAGTACTAACACTGGTCTCATAAAAAGTTACTTGTTGTCTCGAC
AAAGGCAATATCTGTCACCTTGTGCGCTGGCTAGATTATGTCTAAATTATATATGTTGCG
TTCTAAGTTGTAAATGCTTTTTACCTGAAGCTTTATTGACTGAATAGACGGCTATATTC
ATTTGCTGTCTTAACTAACTATATCCGCCTGTCCCACACATGTGTGATTGGAGAACAT
GAACCTCCGGTTAAGCGAAAATATGTGTATCACATTAGACACTGTGTGTCCTTTACTGTC
TGATGCATGTTTTCCGGTGAATGGTAACAGTTTTTCATCATAGATTTCTCTGCAACTAAA
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>SEQUENCE:6420:prostate_MPM2000-004P6_Table5

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Table 7
2500/3129

CCCCTCCCCCACCACCAACCATTATTAACCTATCAACTTATTACTTCTATAACTCTAGCCTA
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GTCTCTACAAAATTTTTTTTAAACAATTAGCCAGGCATGGTAGCATGCACATATAGTTCCA
GCTAGGAGAATCACTTGAGCCTGCAAGTGAATGAGGCTGCAGTGAGCCATGACTGCACCA
CTGTACTCCACCCTGGGTAACAGAGCAGGACCCTGTCTCTATTAACCAACAAAAAACA
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>SEQUENCE:6421:prostate_MPM2000-004P6_Table5

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T

CTGGATCACGCCTCCTGGCTTAGCTATTTTCTGTCCCCTTTCCTAGAACATCCACACCAG
GGGGACTGGGAGTCTCATCTCAGTCACTGTCACATCCCAATGCCCAAGACCCTGGAACAA
GGGAGAAGCTGCAAAAATACTTAAATCTACAATTCCTGGAACCTCAACATGCTTTGGAA
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>SEQUENCE:6422:prostate_MPM2000-004P6_Table5

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AAATGTTTACATCAGAGAGCTTAGGATTTAAACAAAGCTTTATAATGTGCTTCCTTTCTC
ACTAATAATTTCCACTTTTTTTCATTATATGGGTTTTCTCTAAATTCTTCTATTTAAATG
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>SEQUENCE:6423:prostate_MPM2000-004P6_Table5

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GCTACAGATACTGGGGTGATTGAGACTGATACAGTCGCTCCCTACACCAGTAAATCTCCC
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>SEQUENCE:6424:prostate_MPM2000-004P6_Table5

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GCGAAATCCCATCTCTACTAAAAATACAAAAATTAGCCACGCACGGAGGCAAGCACCTGT
TATCCCATCTACTCAGGAGGCTGACGCAGGAGAATCACTTGAACCTGGGAGACAGAGGCT
GCAATGAGCTGAGATCGTGCCACTGCACCCTATCCTGGGCAACACAGGGGGACTCTGTCT
CAGAAATAAATCAATAAATAATATGCCTTTTTTAAAAAATGGGCCATCTATACCAGCTAAG
AAGAATGTAAGACTCAGACTATCTTCATTACTGATTTATTTCTTTGGTCTGGAAGCCTGT
CAATTTTTGCCAGTTGAATATTCAGCAATAAATAGTCATCAAGCATAATGTTTGAATAAA
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>SEQUENCE:6425:prostate_MPM2000-004P6_Table5

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AAGTGATCTGCCCACCTCGGCCTCCCAAAGTGCTGGGATTACAGCCATGAGCCACTGCGC
CTGGCCGAAAGAAATATTTATTGATTGCCTACTAGGCACCATCATTAGCAGCTGAGAATC
CTGTGGTAAAAGAATAAAAAGCAGACAAGAATCTATGCCCTTGCAAAGGTTACAGTCTGC
TAAGACAAACAATAAGCTAATTAAGTAAATAGTATGTTAGAGAGTAGTATGAGAGAAAA
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ACTCAATAAAGGCTAAGAAAATGACTCTCACCCTCCTACCCACATATCTATATACTGTA
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>SEQUENCE:6426:prostate_MPM2000-004P6_Table5

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